

10055504-102501

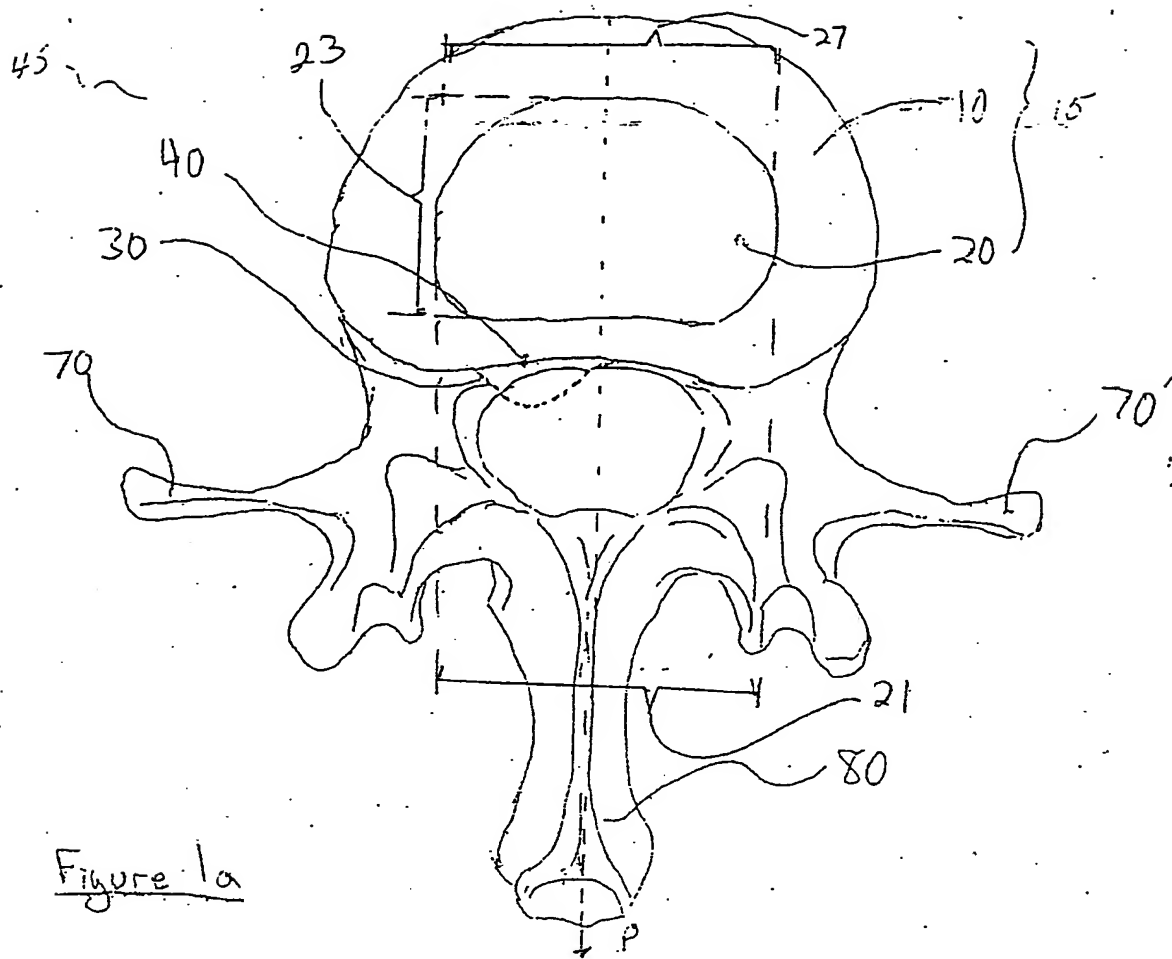


Figure 1a

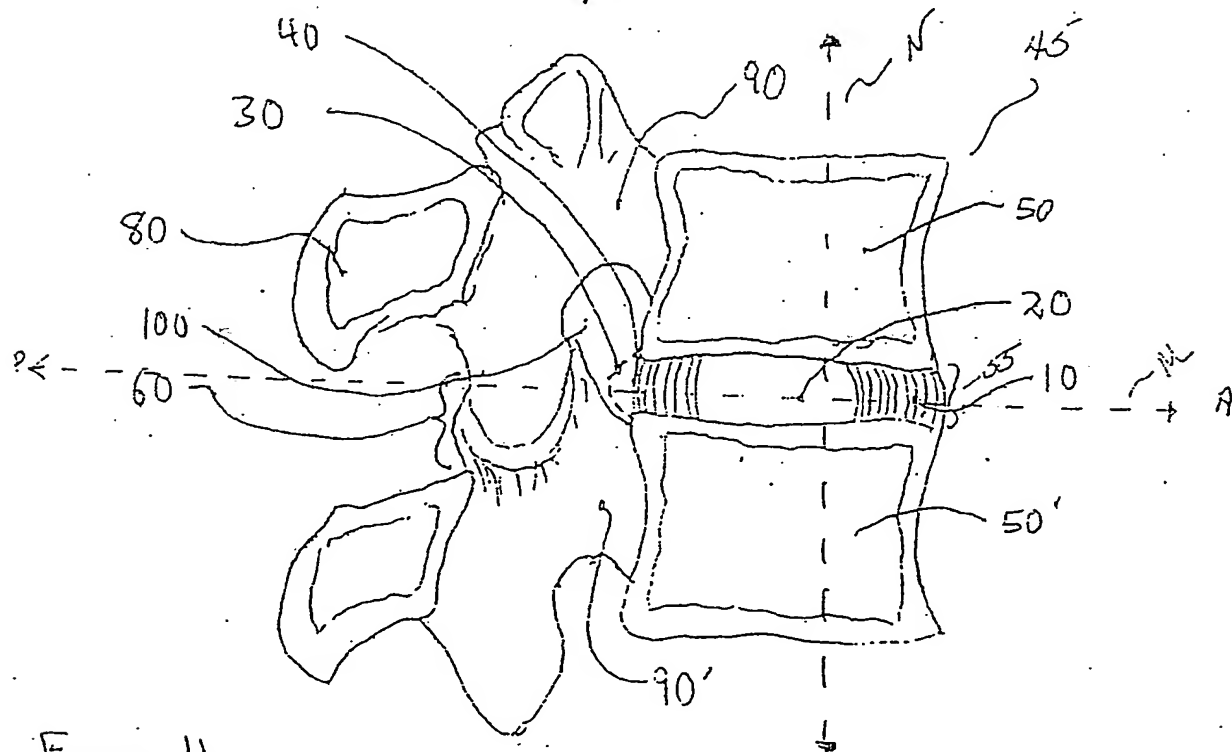


Figure 1b

10055504-102501

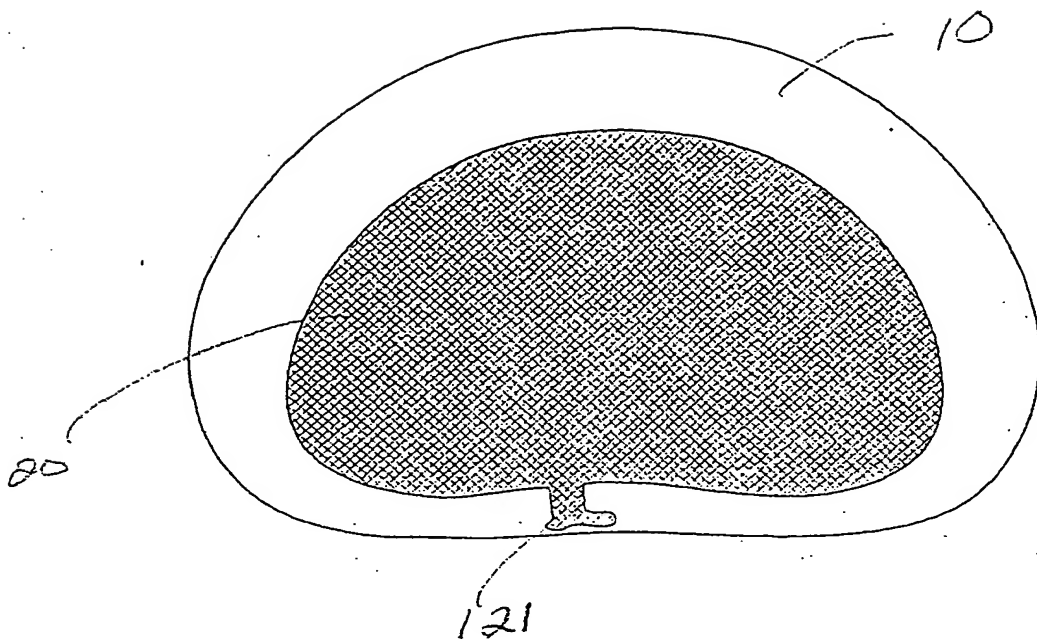


Figure 1C

10055504-102501

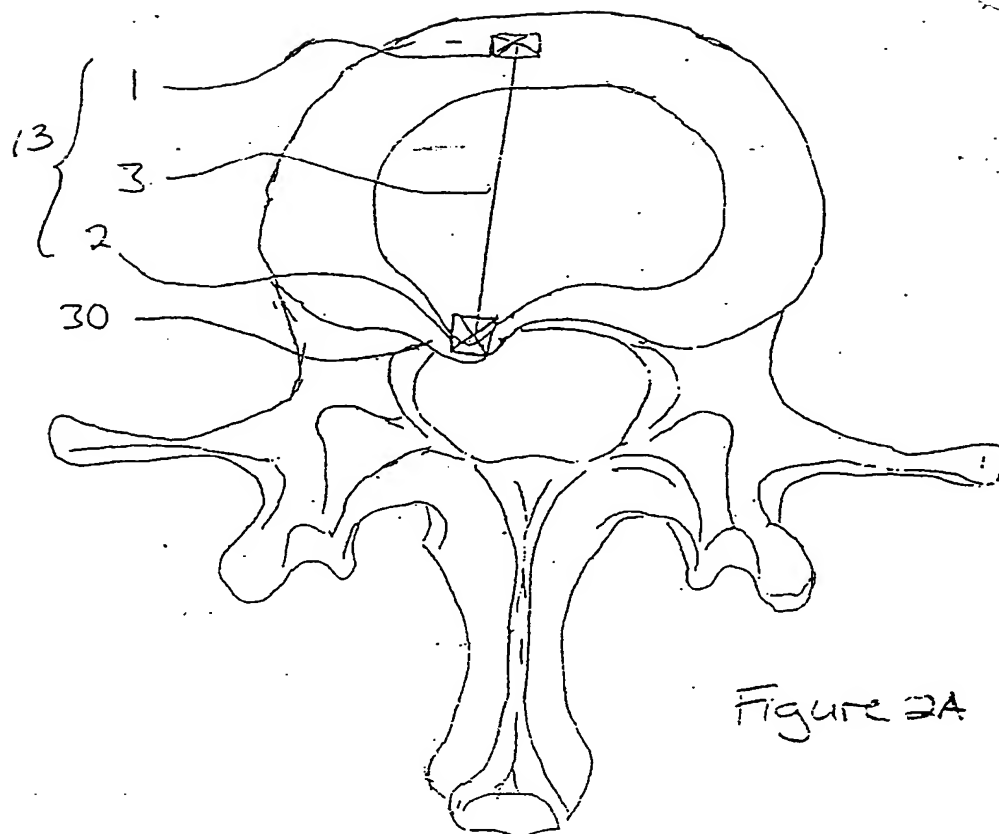


Figure 2A

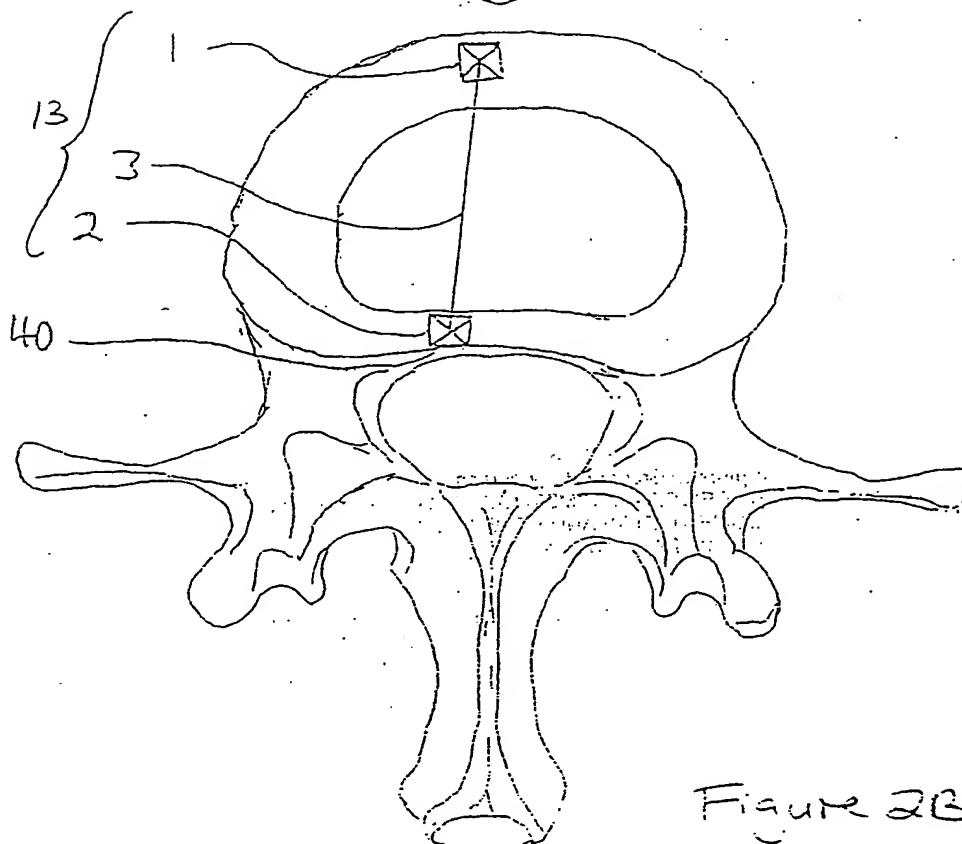


Figure 2B

10055504-102501

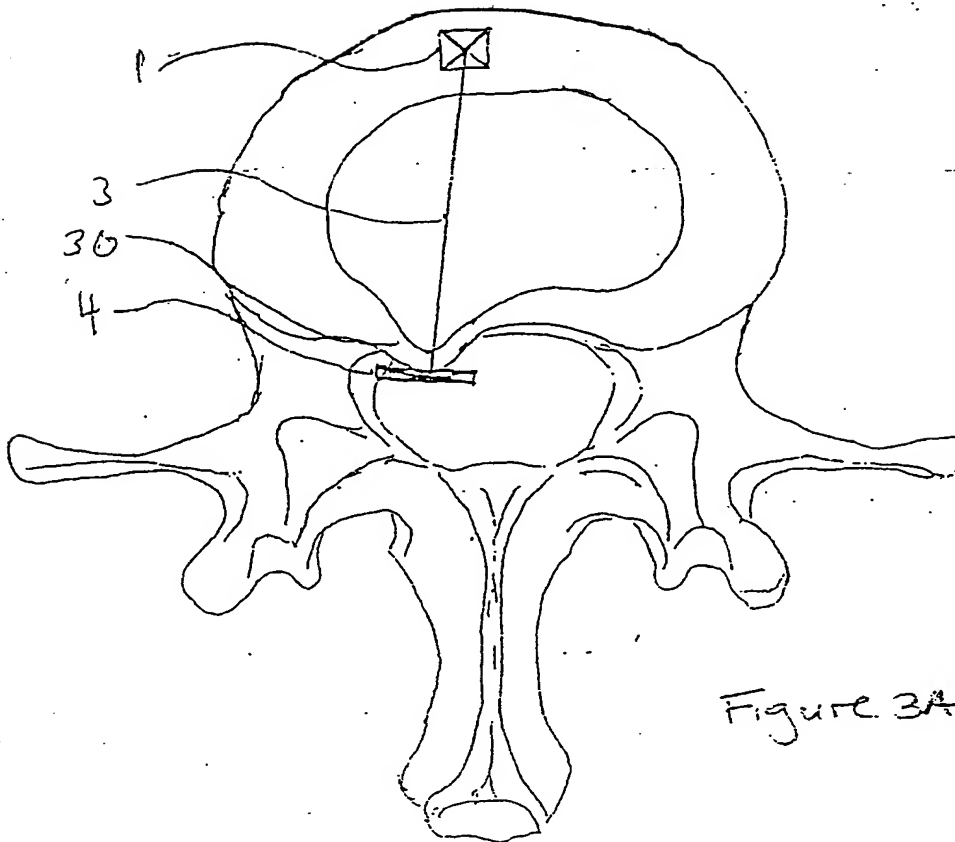


Figure 3A

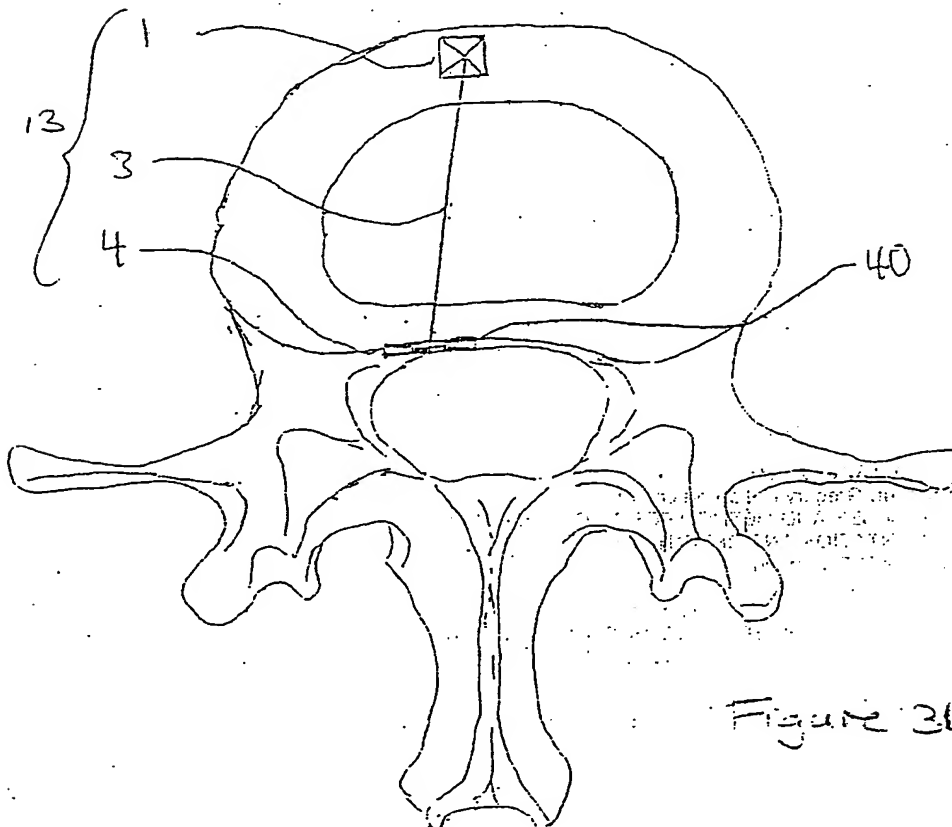


Figure 3B

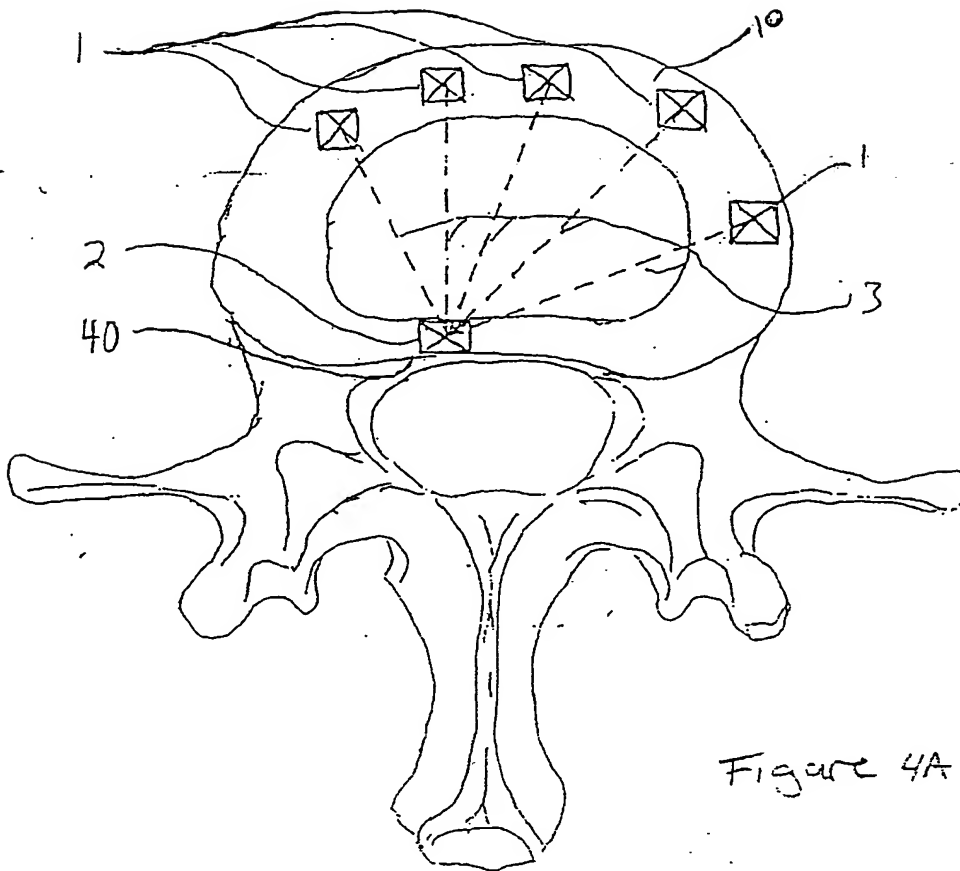


Figure 4A

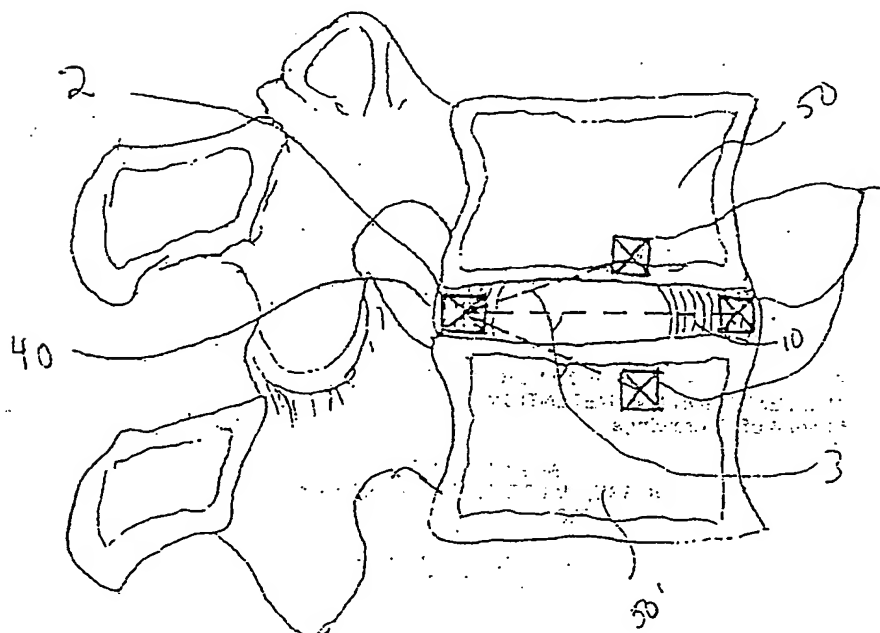


Figure 4B

10055504-102501

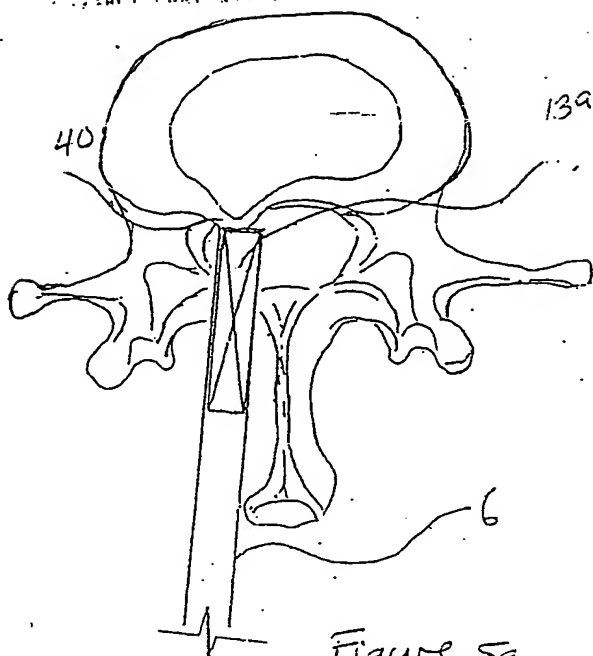


Figure 5a

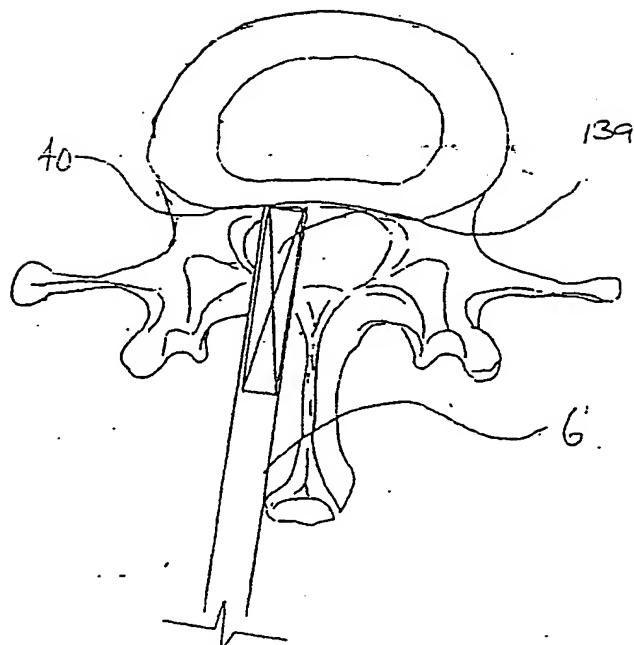


Figure 5b

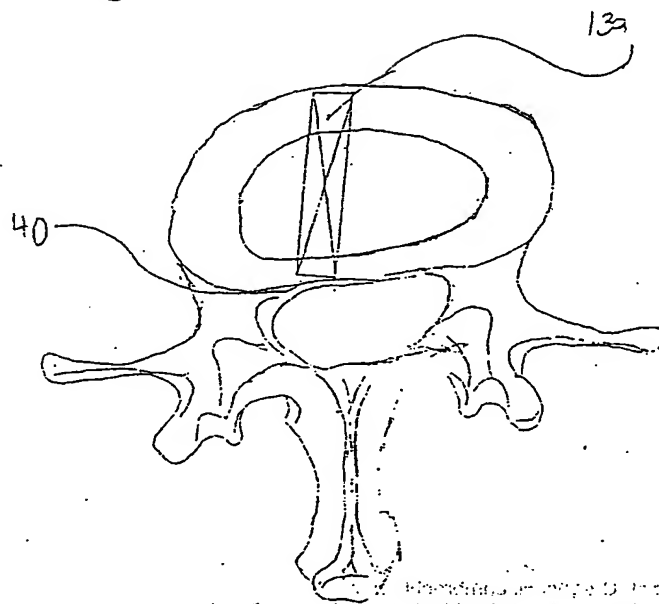


Figure 5c

1055504-102501

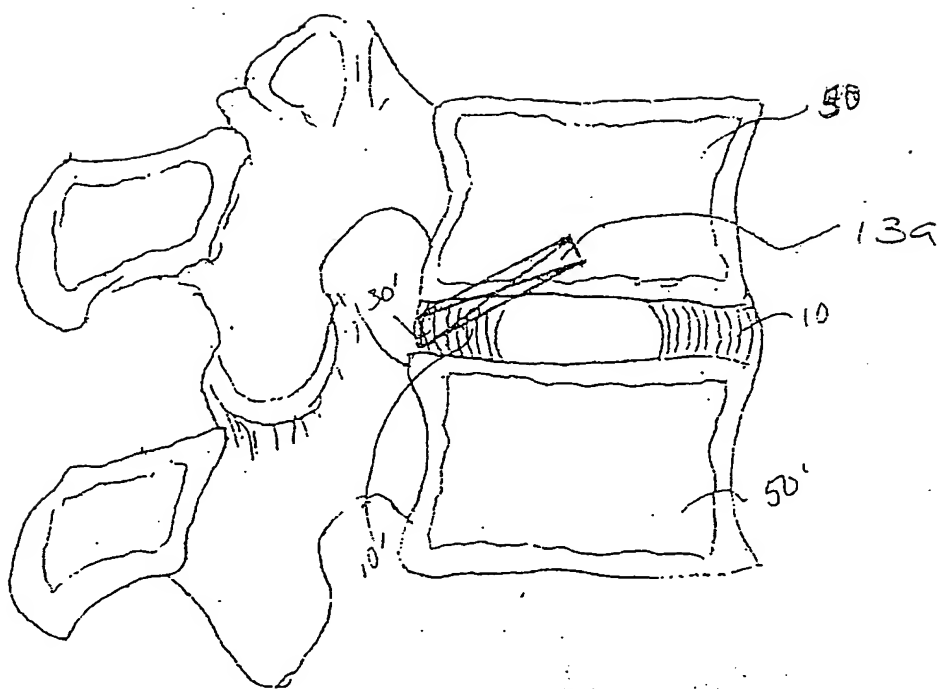


Figure 6

1055504-102501

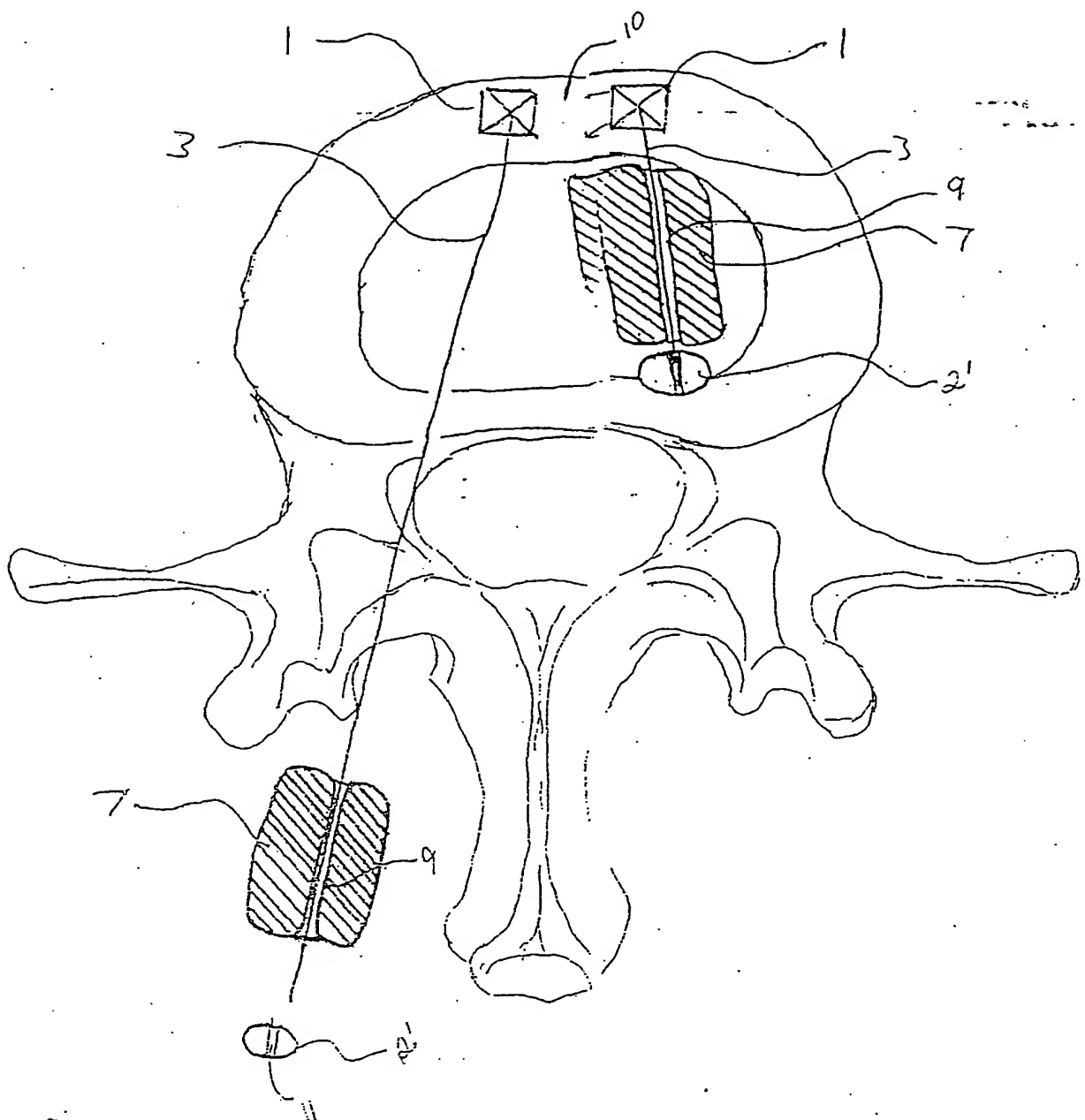


Figure 7A

FIGURE 7A  
A perspective view of the device of the present invention showing the internal components and the external housing.



10055504-105201

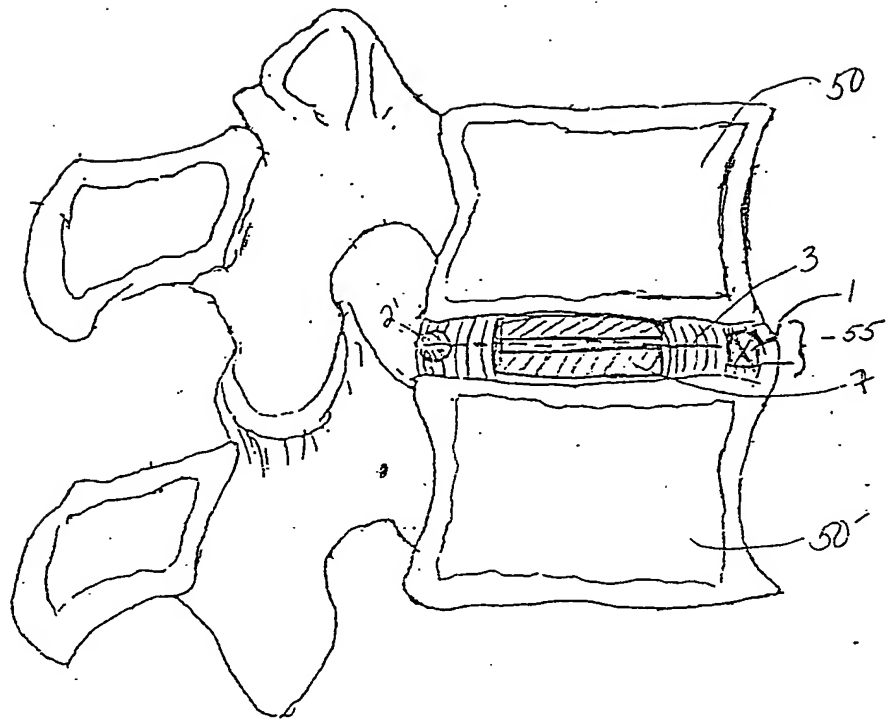


Figure 7B

10055504-105201

105504-105504

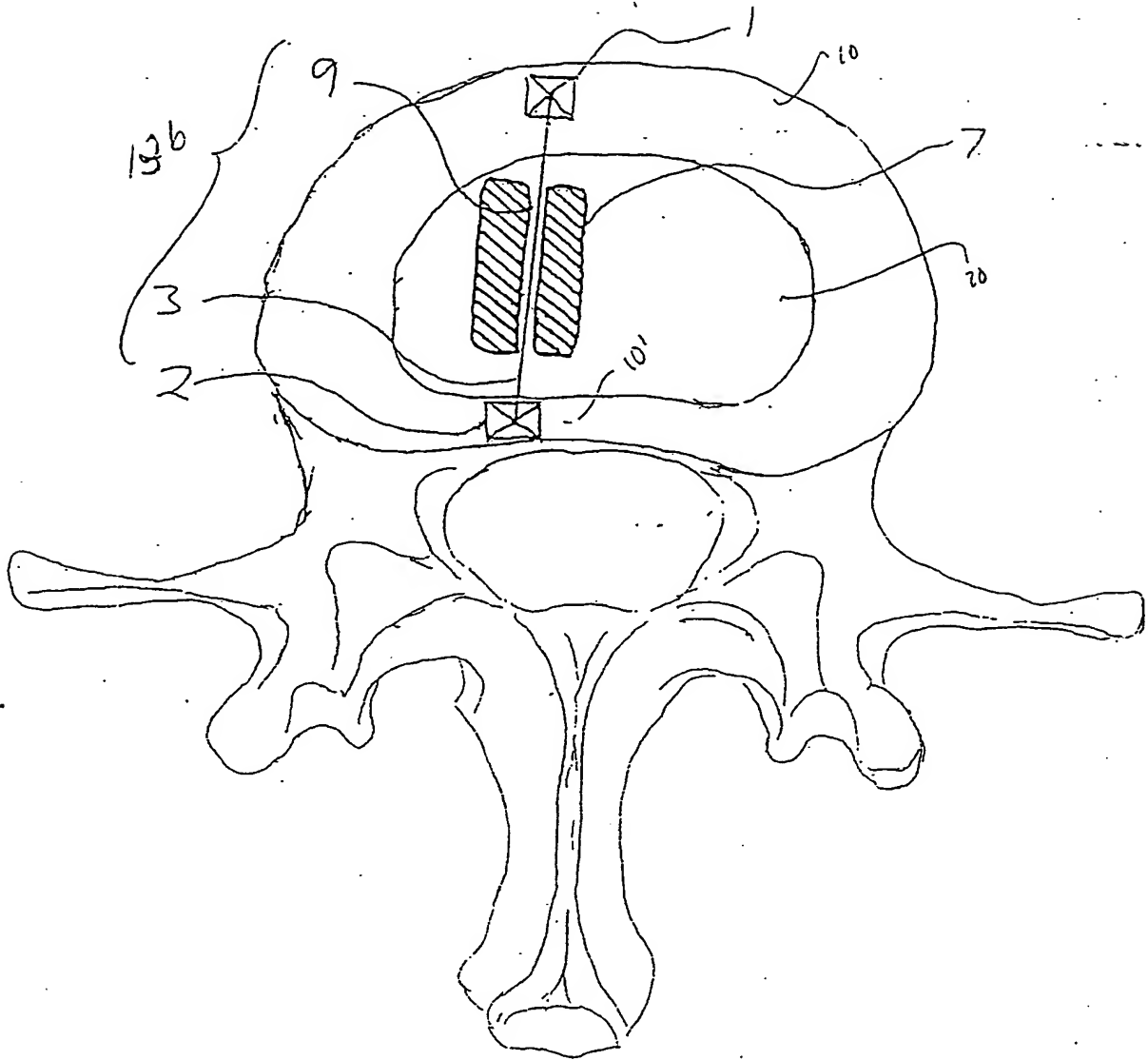


Figure 8

1005504.102501

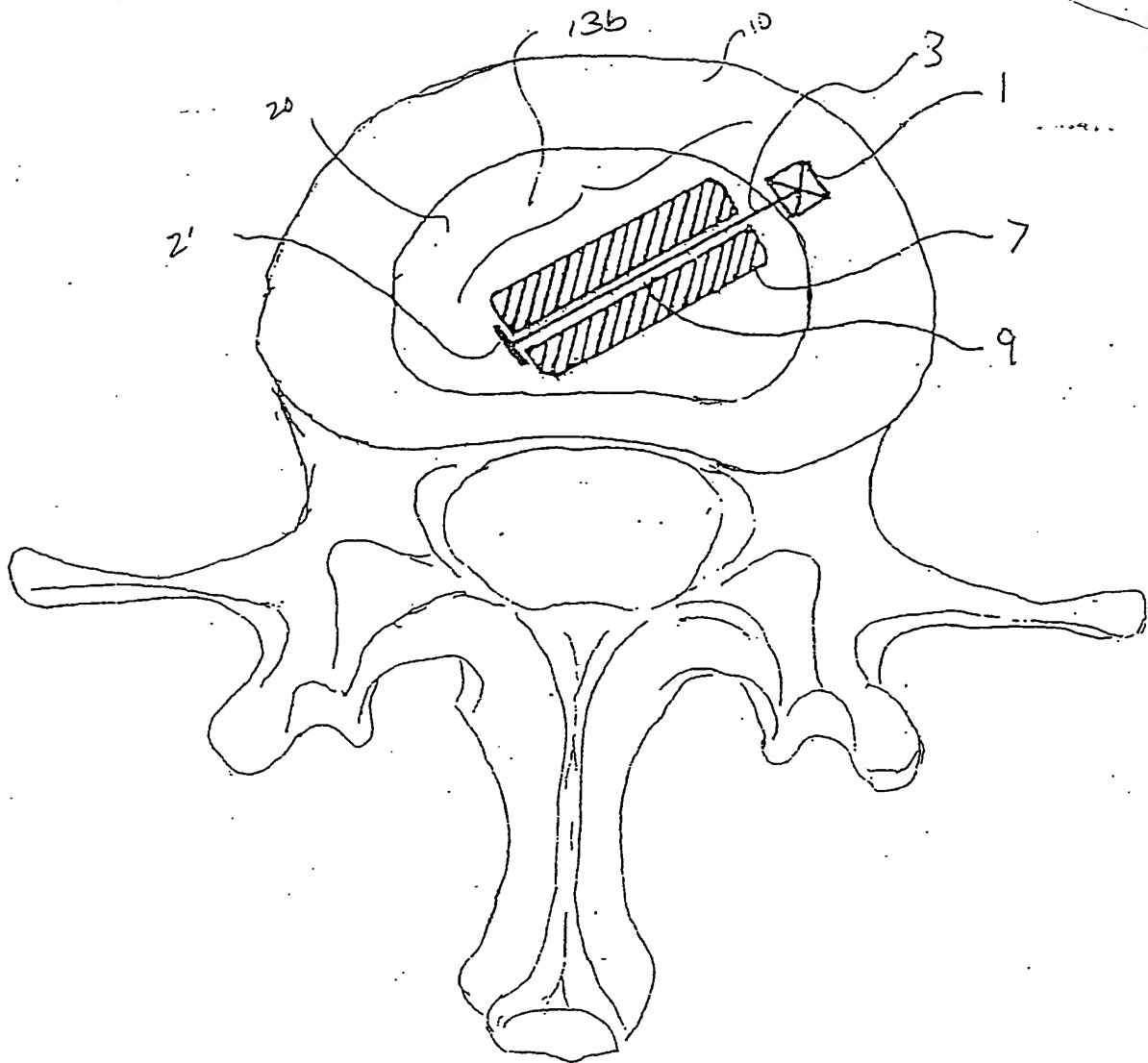


Figure 9a

FIG. 9a is a cross-sectional view of a mechanical assembly, showing a central shaft (1) and a surrounding housing (2). The shaft has a central bore (3) and a cross-hatched rectangular block (7) mounted on it. A smaller cross-hatched block (9) is also shown. The housing (2) has a circular feature (10) and a rectangular feature (13b). A vertical line (20) and a horizontal line (21) are also indicated.

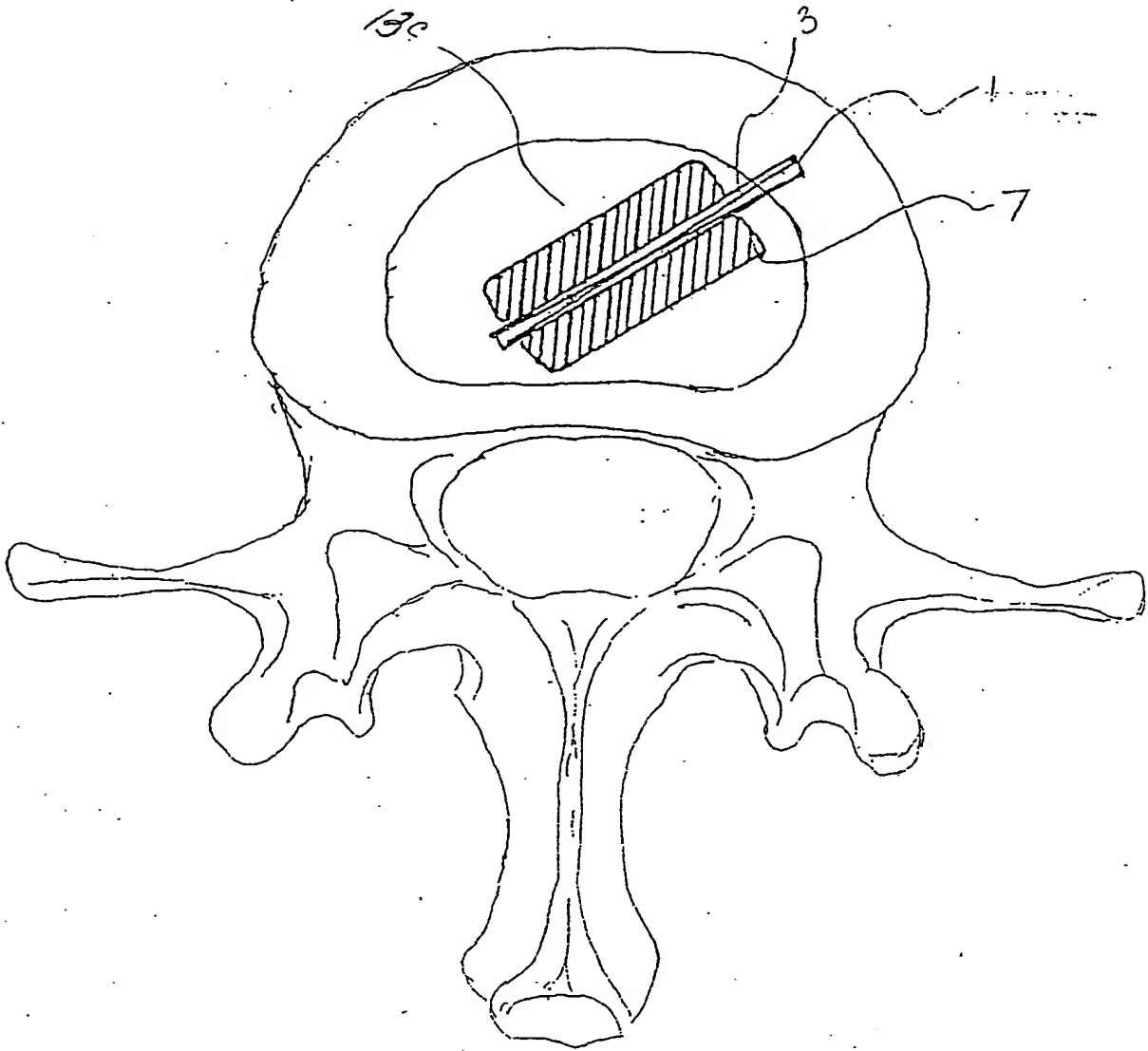
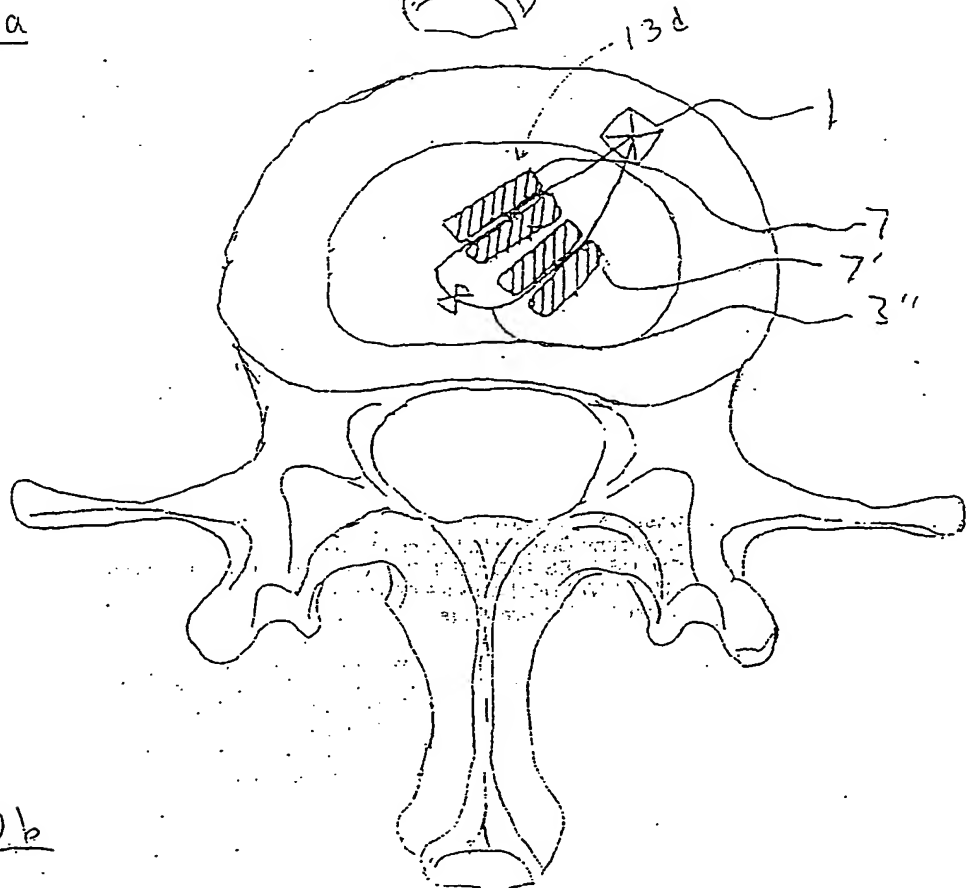
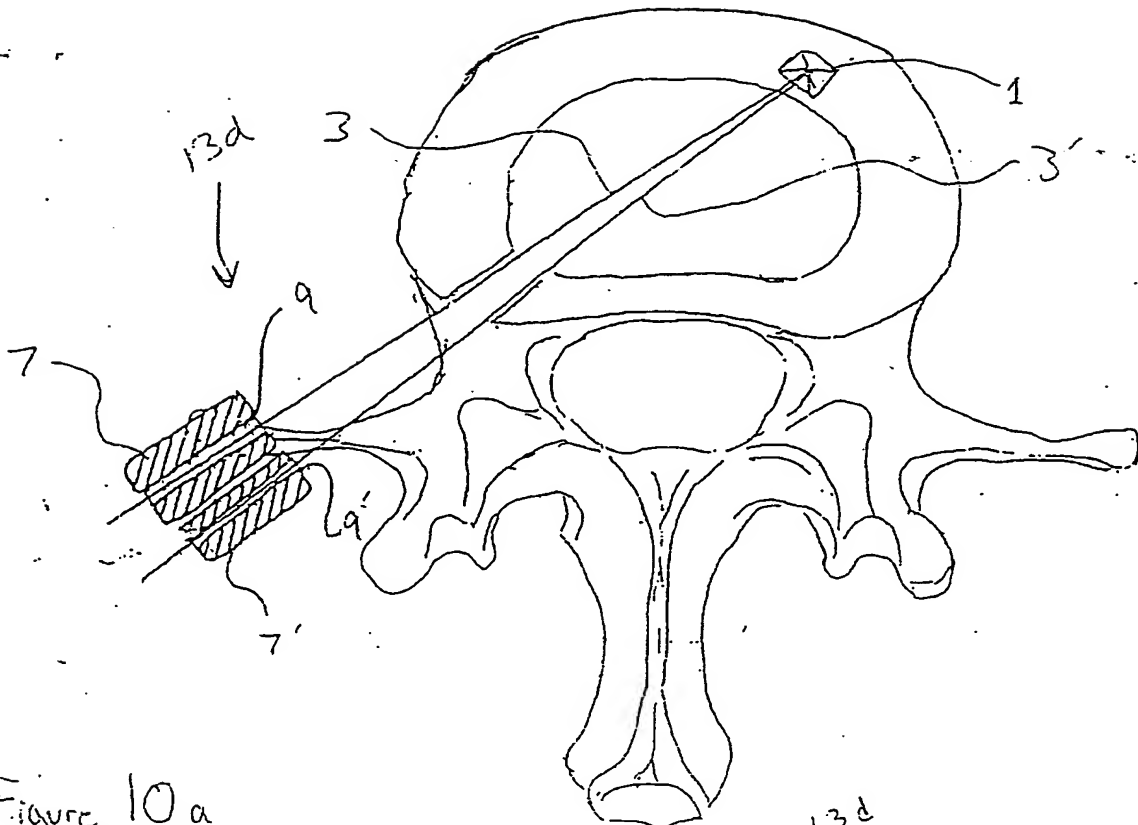


Figure 9b

10055504-102504



1055500T "4055500T

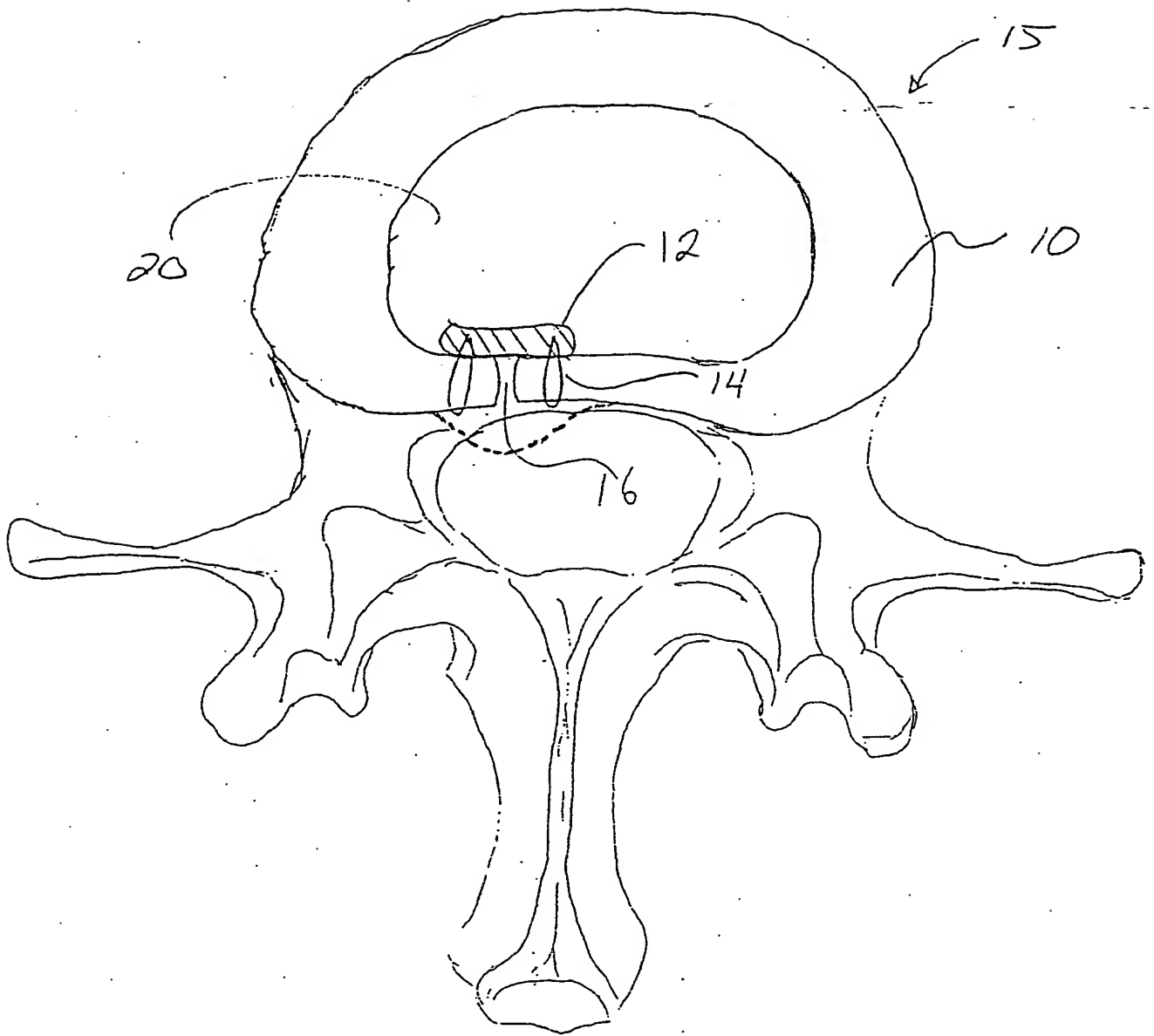


Figure 11

10055504-102501

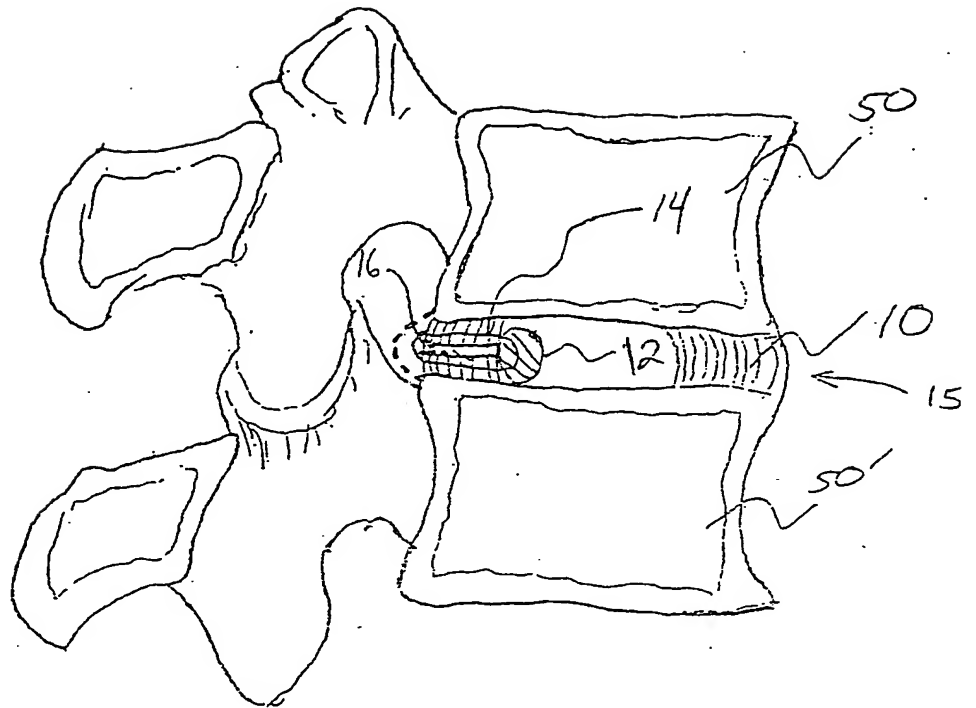


Figure 12

10055504-102501

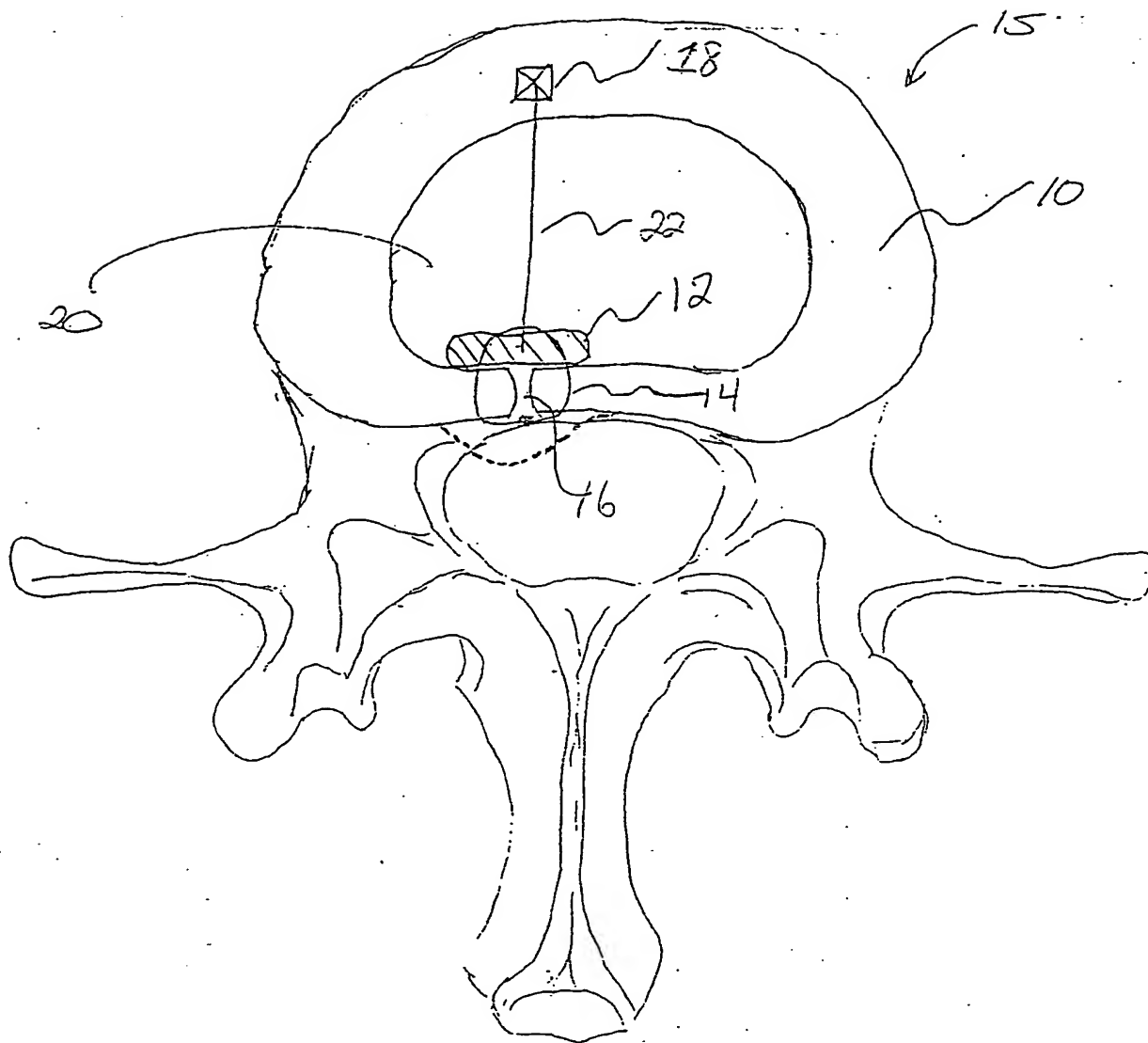


Figure 13



10055504.102501

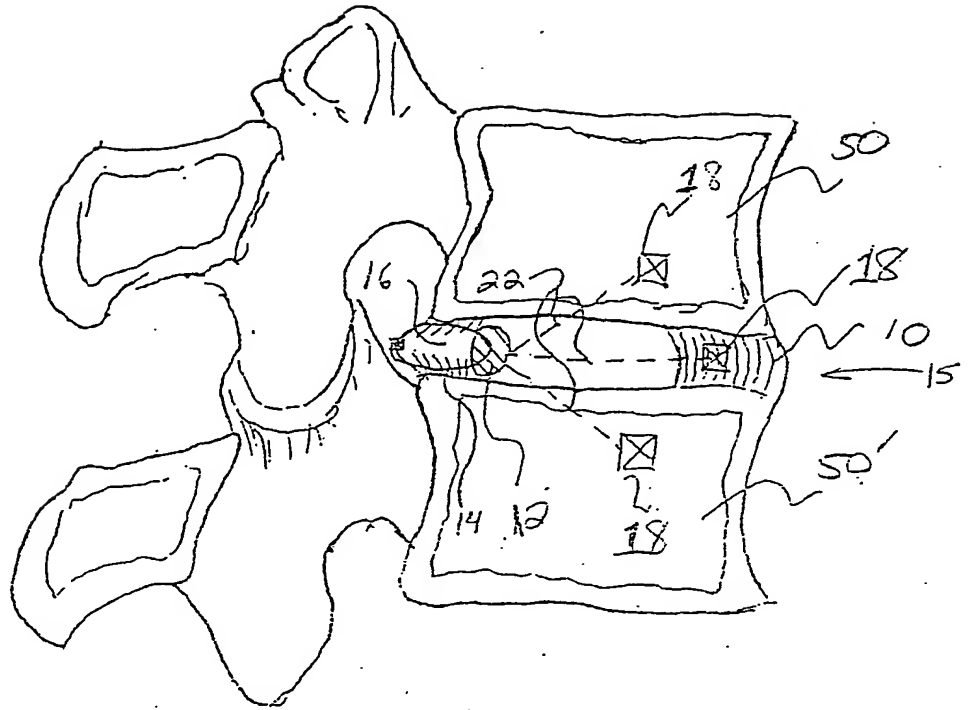


FIG. 4 is a perspective view of the valve assembly shown in FIG. 1, taken from the front, and showing the valve assembly in a closed position. The valve assembly includes a valve body (10) having a central passage (12) and a valve seat (14). The valve seat (14) is formed by a plurality of segments (16) which are arranged in a circular pattern around the central passage (12). The valve seat (14) is mounted on a base (18) and is actuated by a lever arm (20) which is pivoted at one end to the base (18) and at the other end to the valve seat (14). The lever arm (20) is connected to a drive mechanism (22) which is used to operate the valve assembly.

Figure 4

10055504-102501

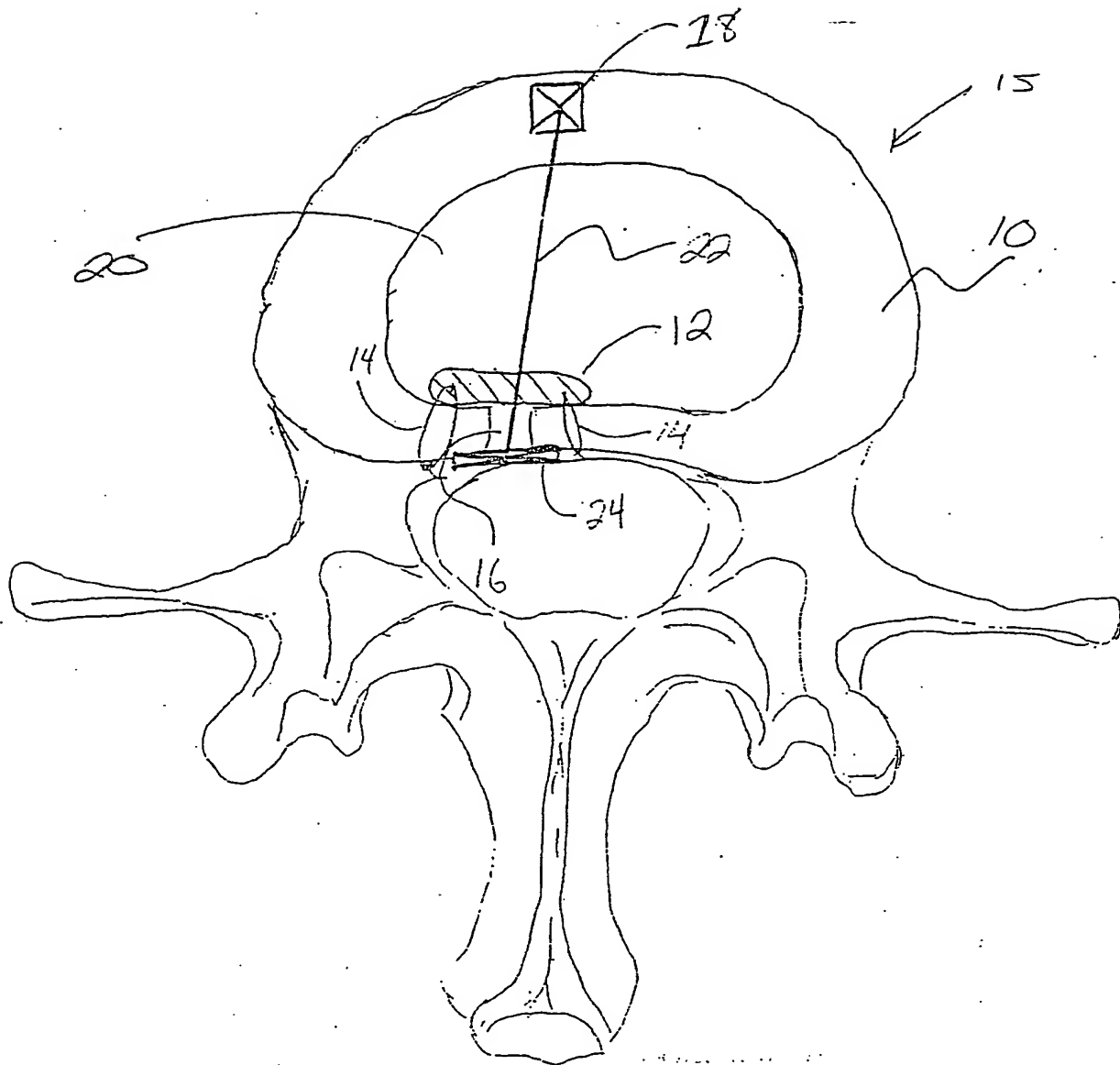
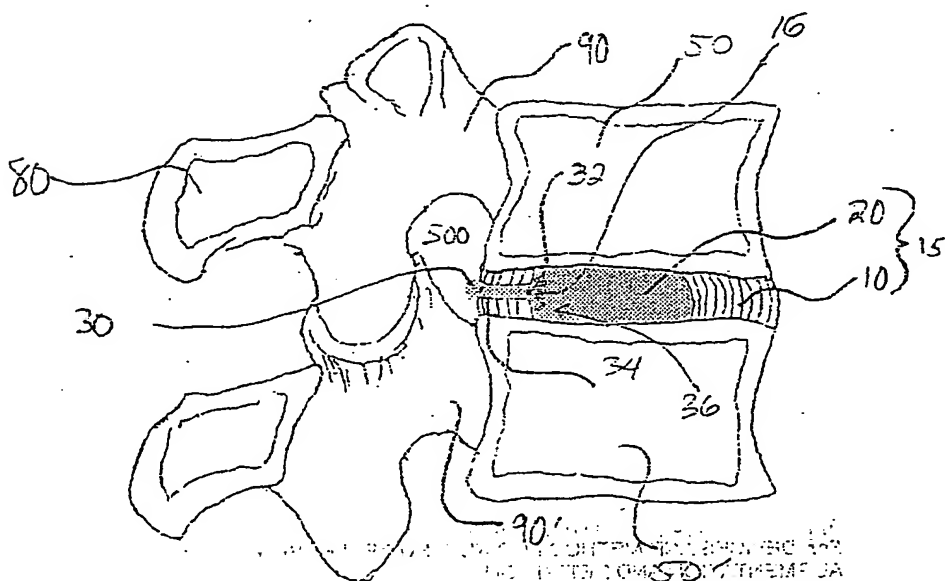
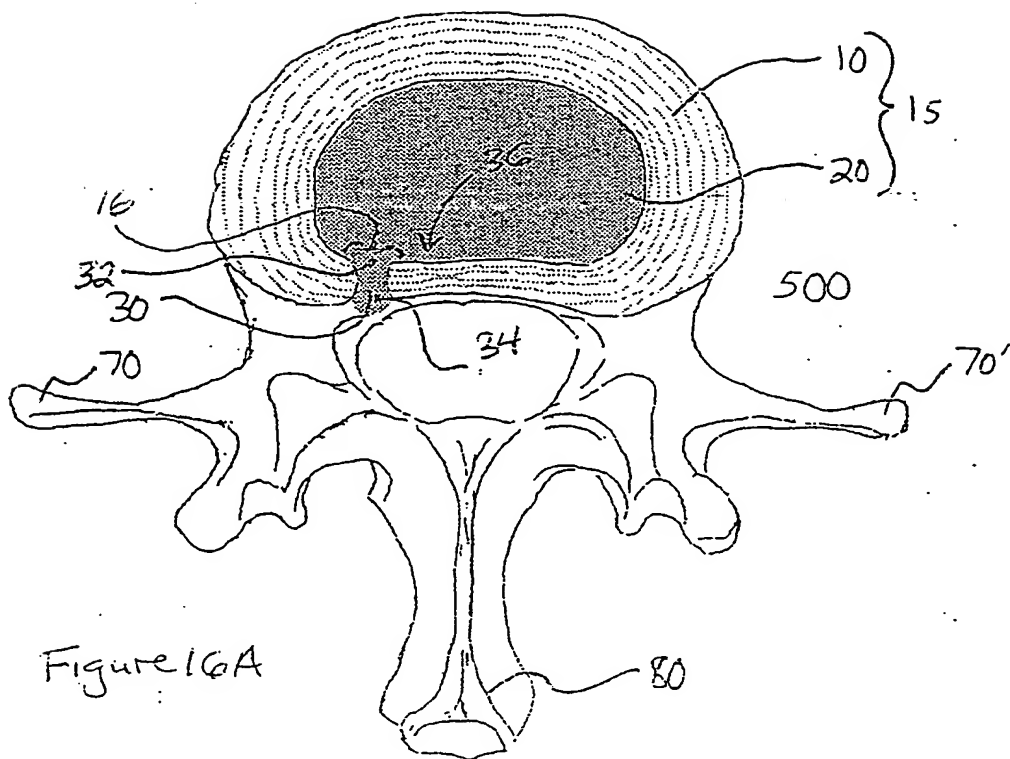


Figure 15



10055504-102501

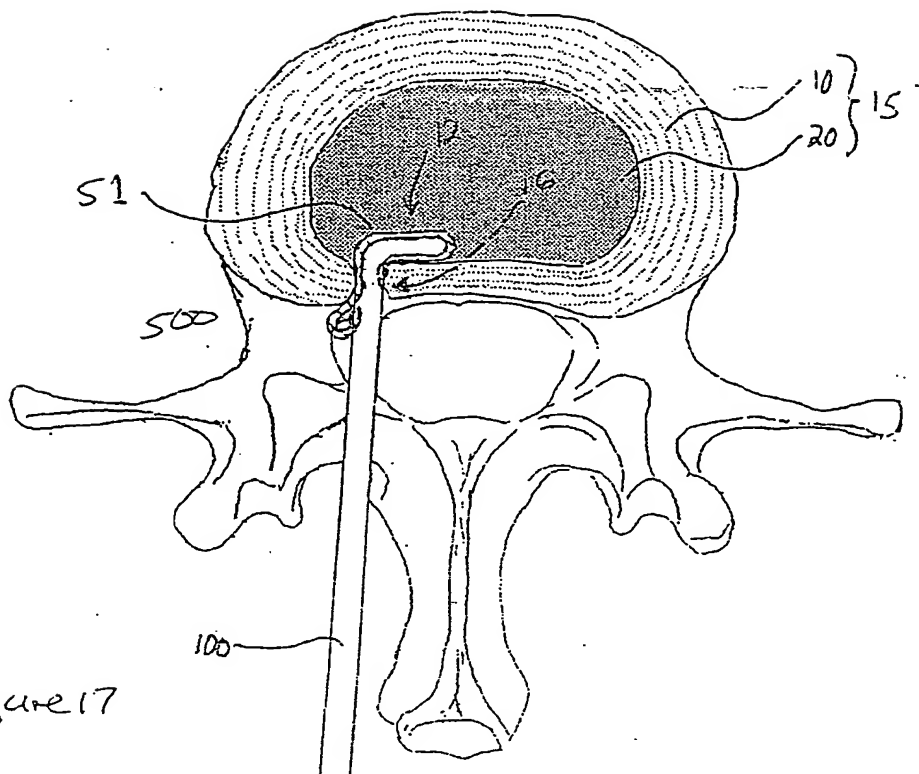


Figure 17

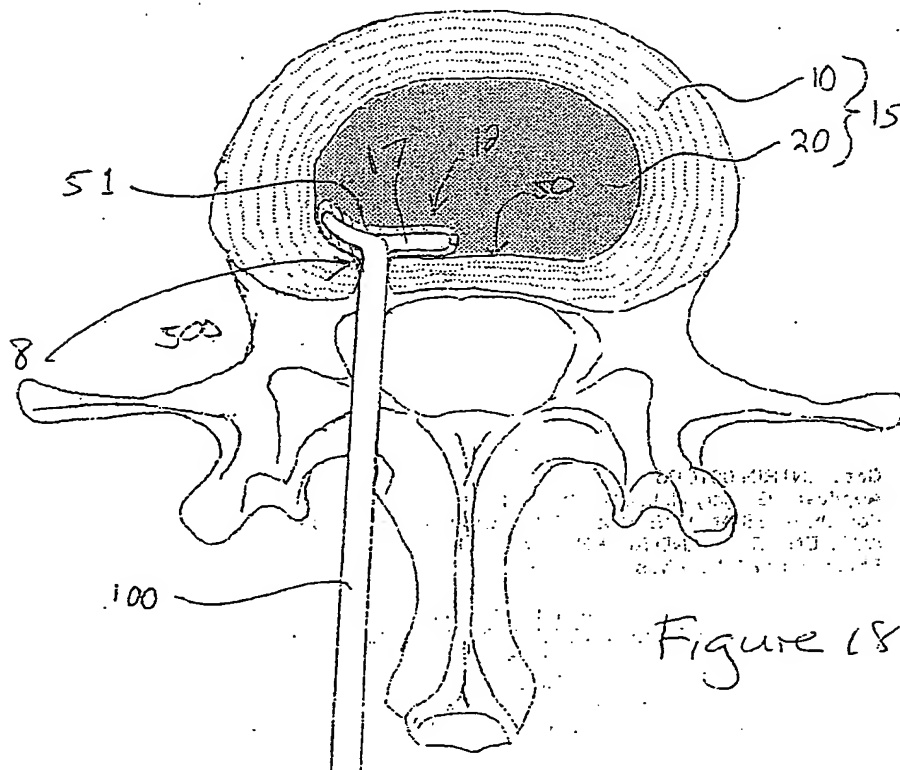
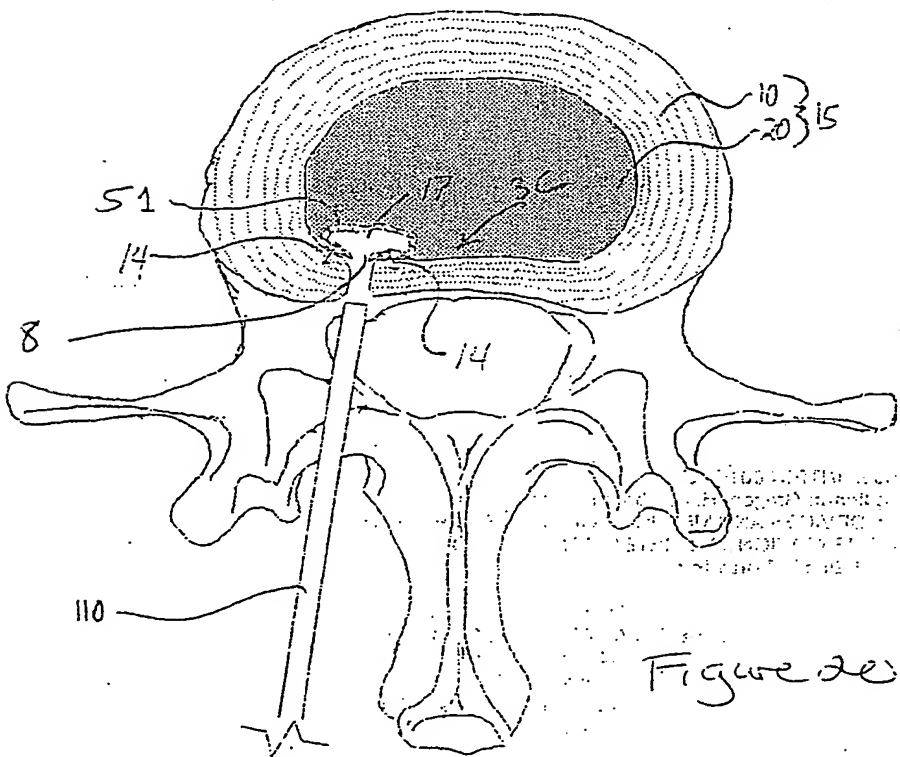
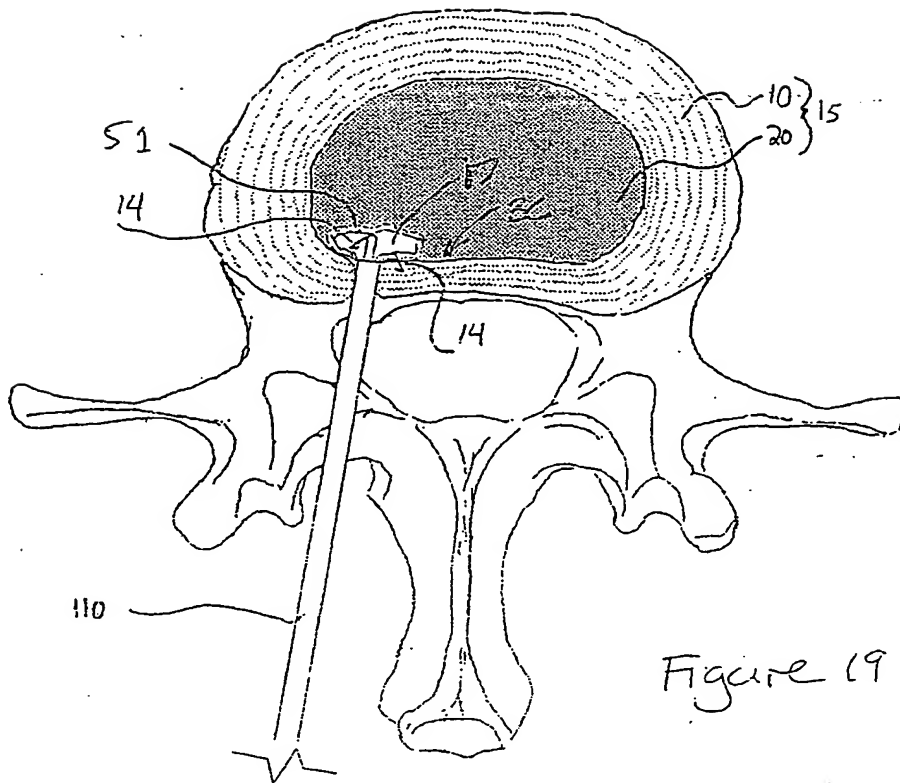


Figure 18



10055504-102501

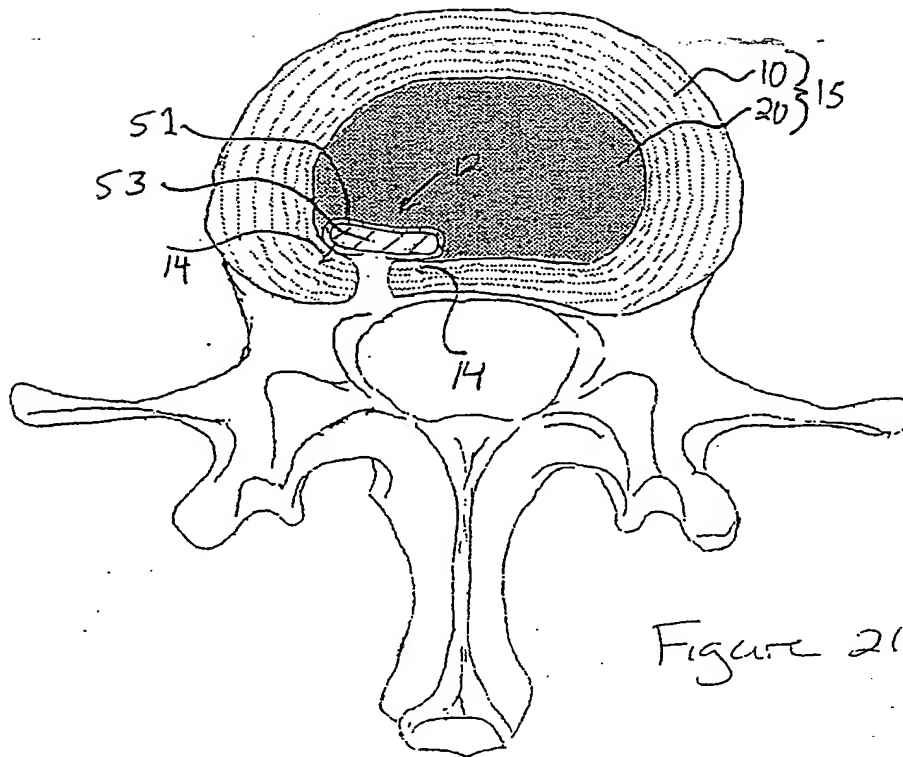


Figure 21A

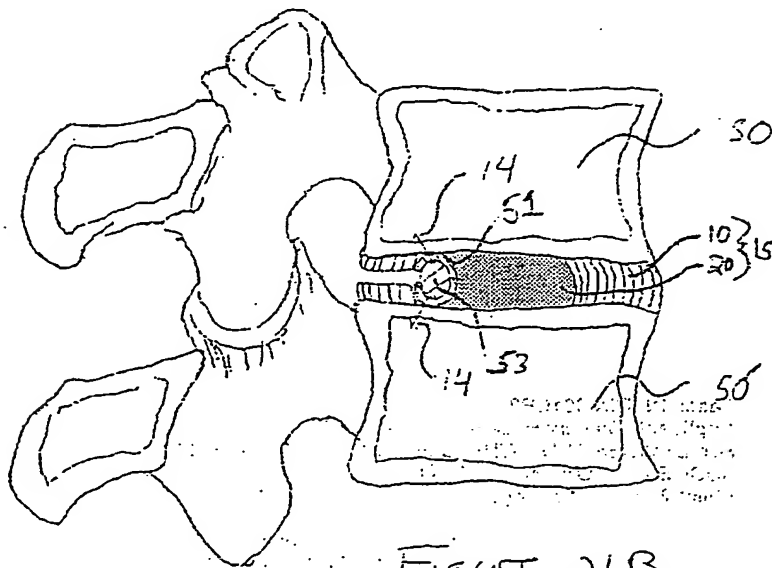


Figure 21B

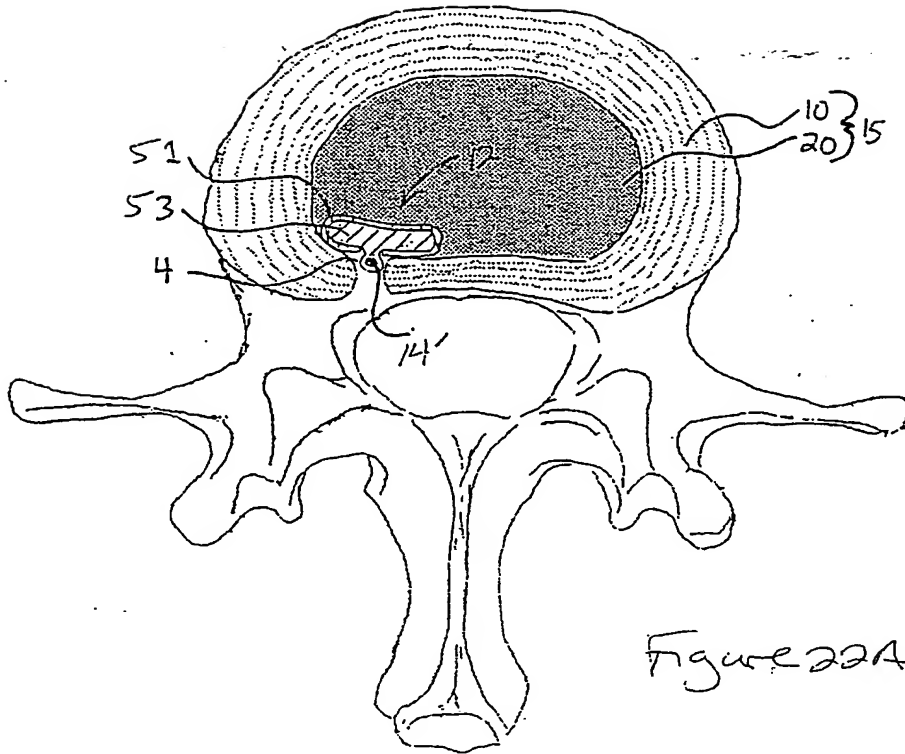


Figure 22A

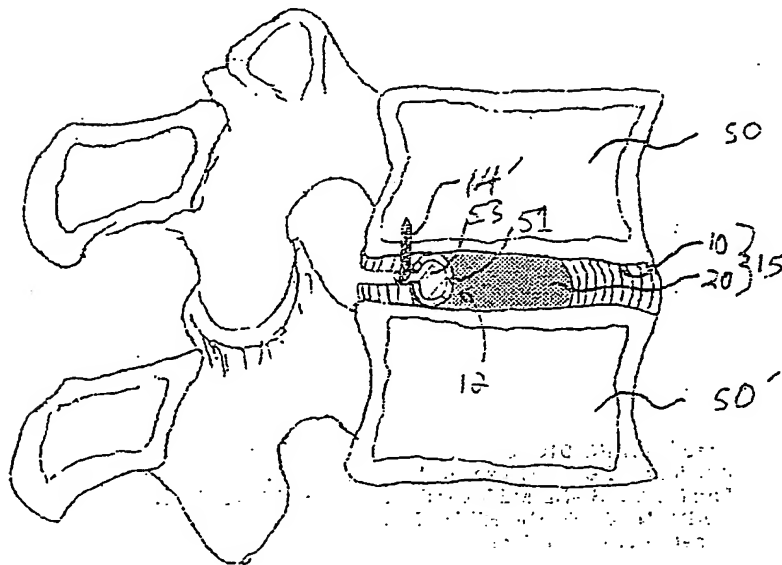
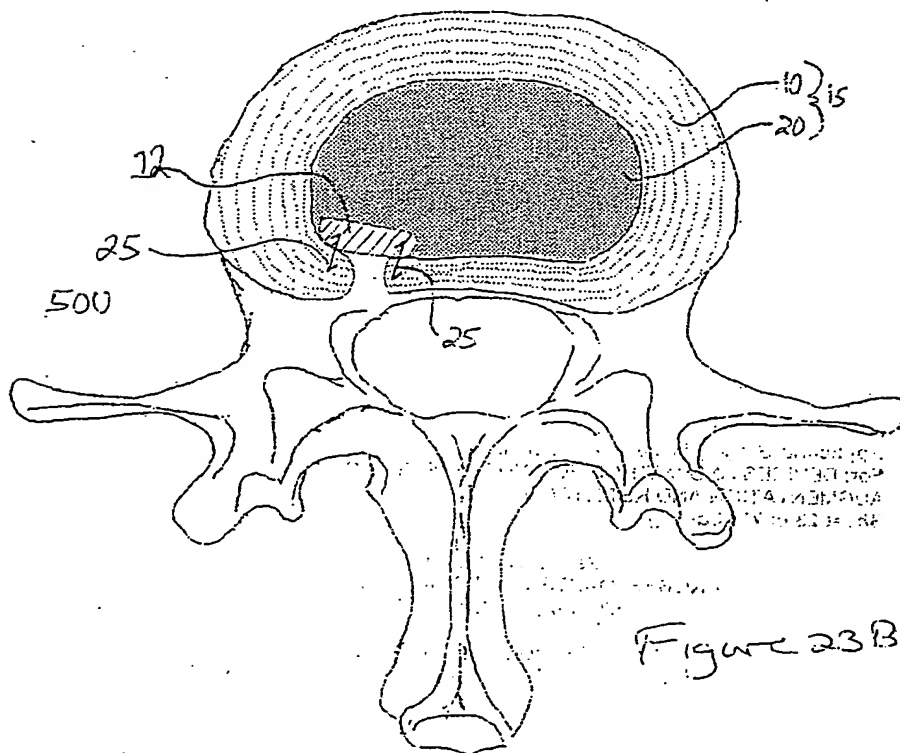
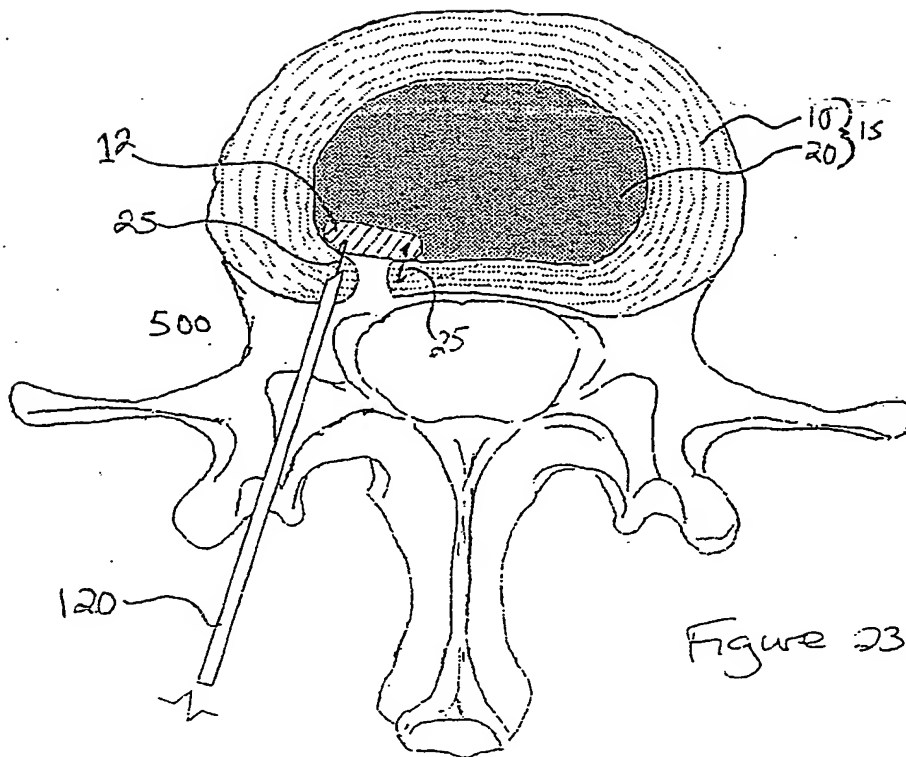


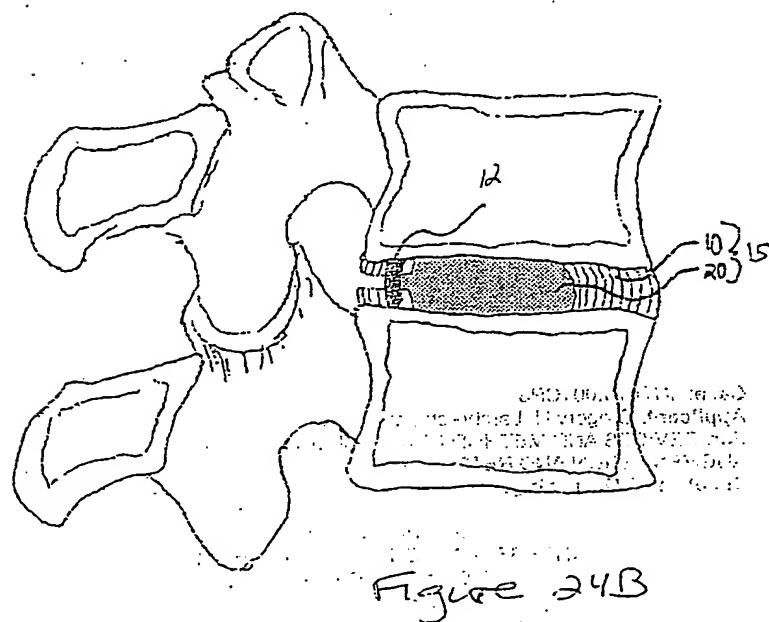
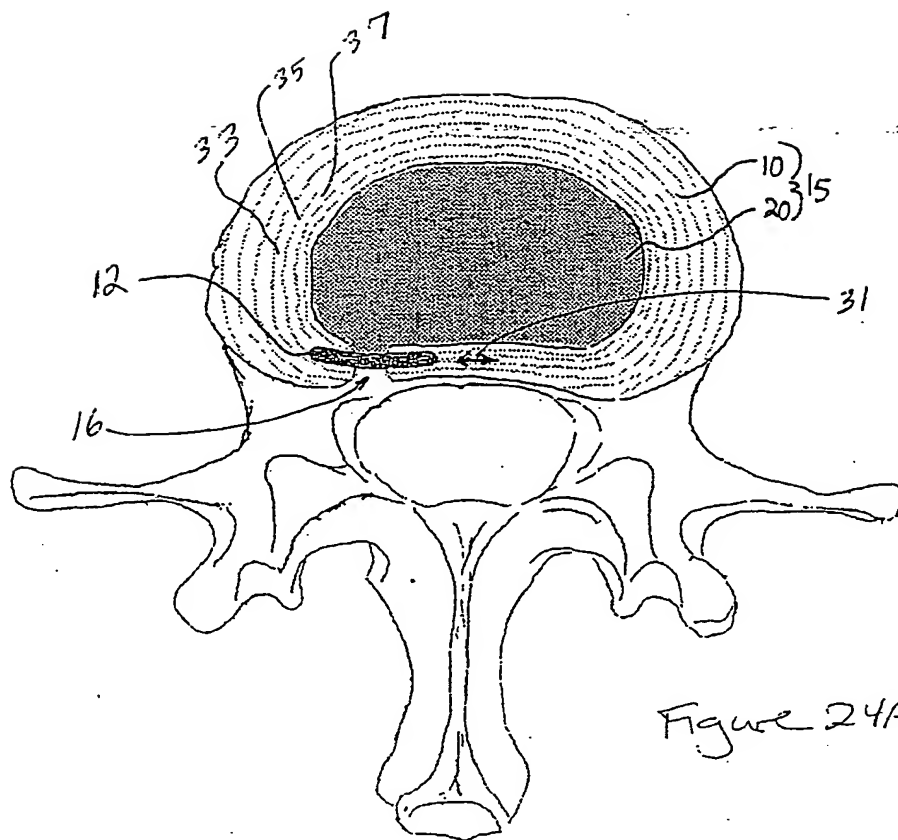
Figure 22B

10055504-102501





10055504:102501



1005504-102501

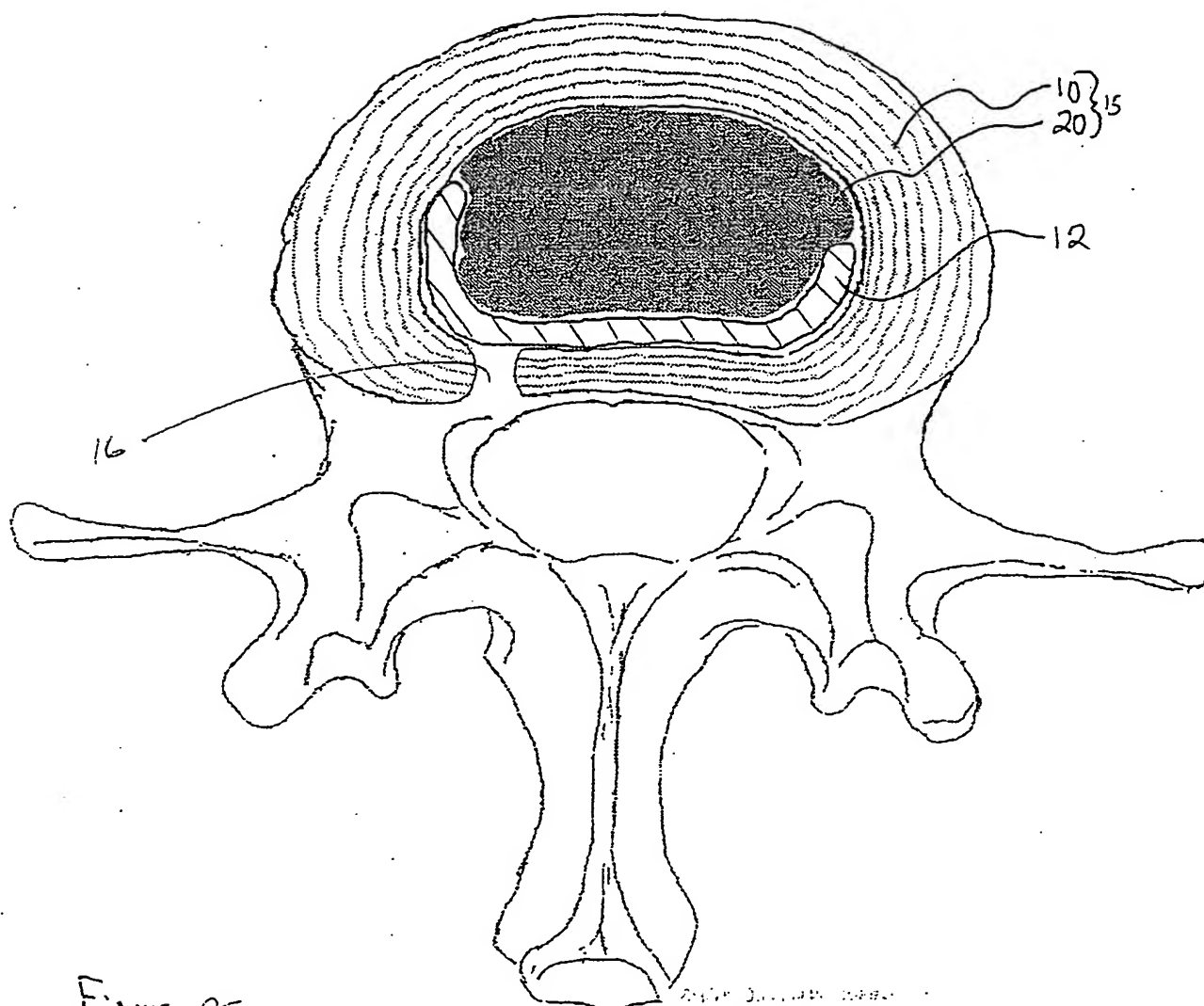


Figure 25

FIG. 25 is a cross-sectional view of the valve assembly of FIG. 1, taken along the line 25-25 of FIG. 1, showing the valve assembly in a closed position. The valve assembly includes a valve body 10, a valve seat 12, a valve disc 14, and a valve stem 16. The valve disc 14 is shown in a position where it is seated against the valve seat 12, thereby closing the valve. The valve body 10 is shown in a cross-sectional view, and the valve seat 12 is shown as a recessed portion of the valve body. The valve disc 14 is shown as a circular disc that fits snugly against the valve seat 12. The valve stem 16 is shown as a vertical rod that passes through the center of the valve disc 14 and the valve body 10.

10055504-102504

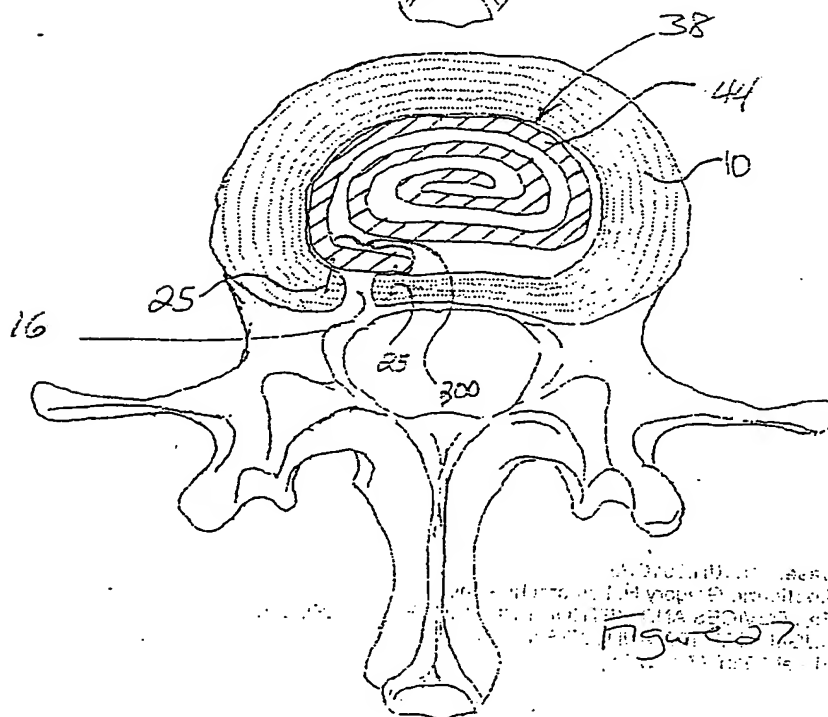
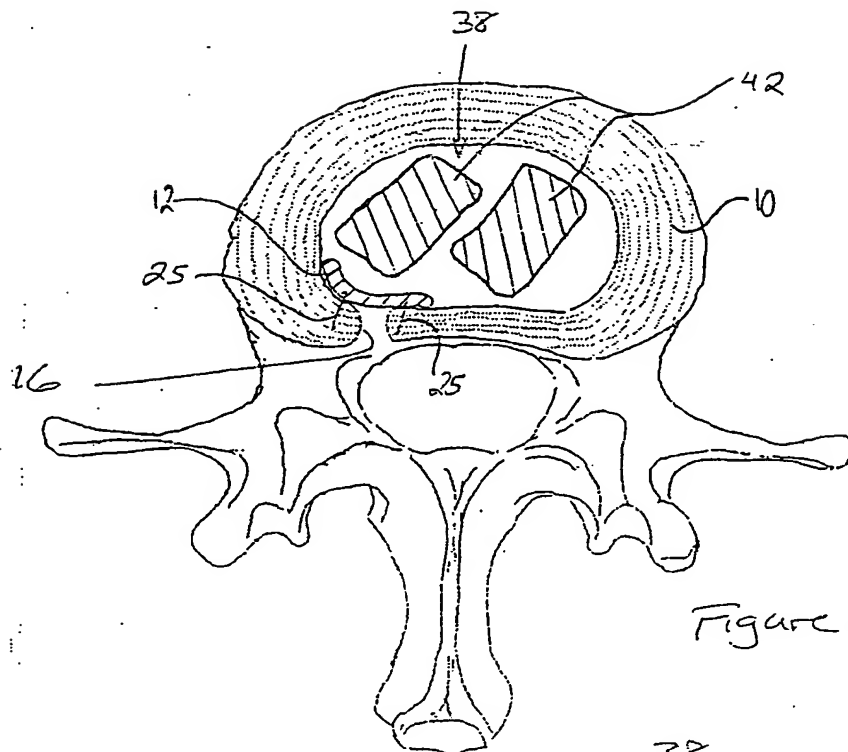


FIG. 28A

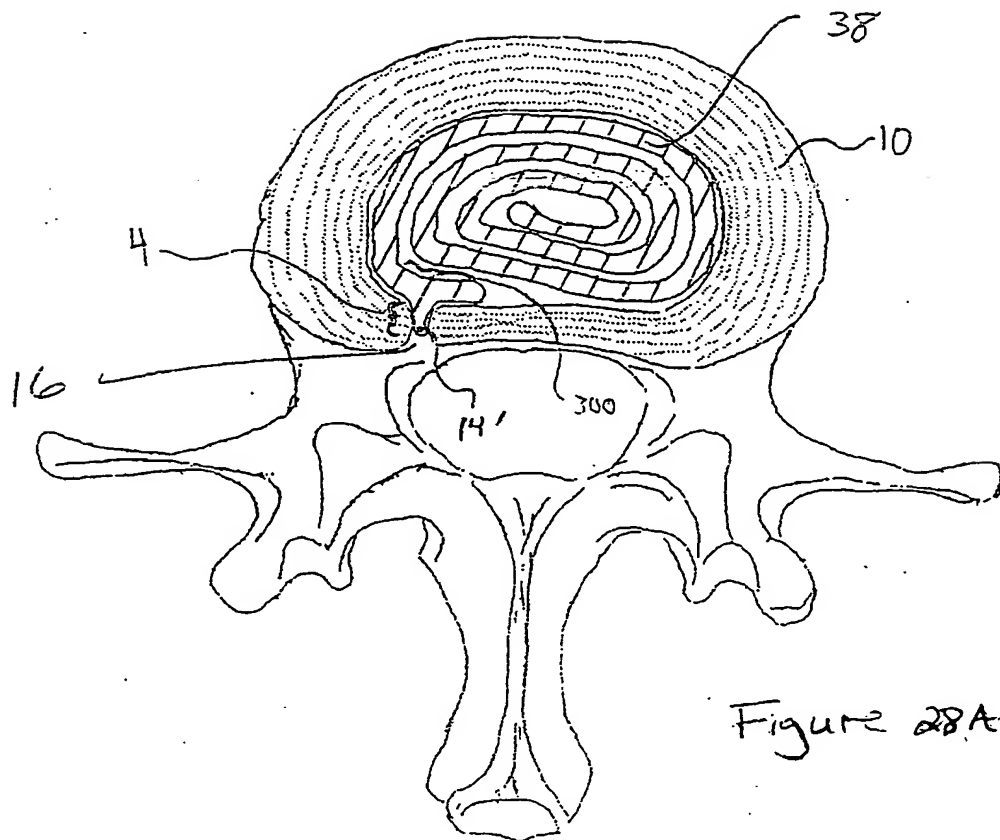


Figure 28A

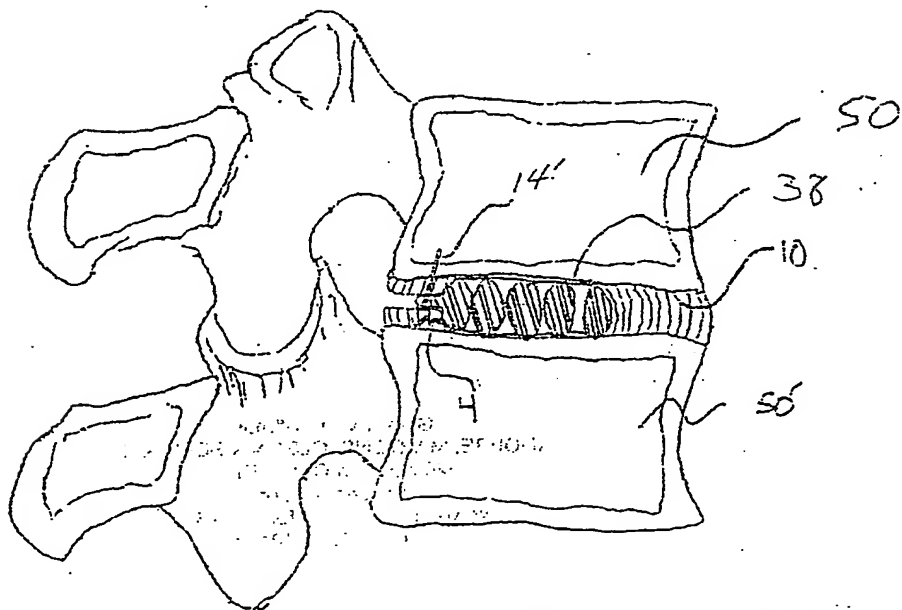


Figure 28B

1005504-102501

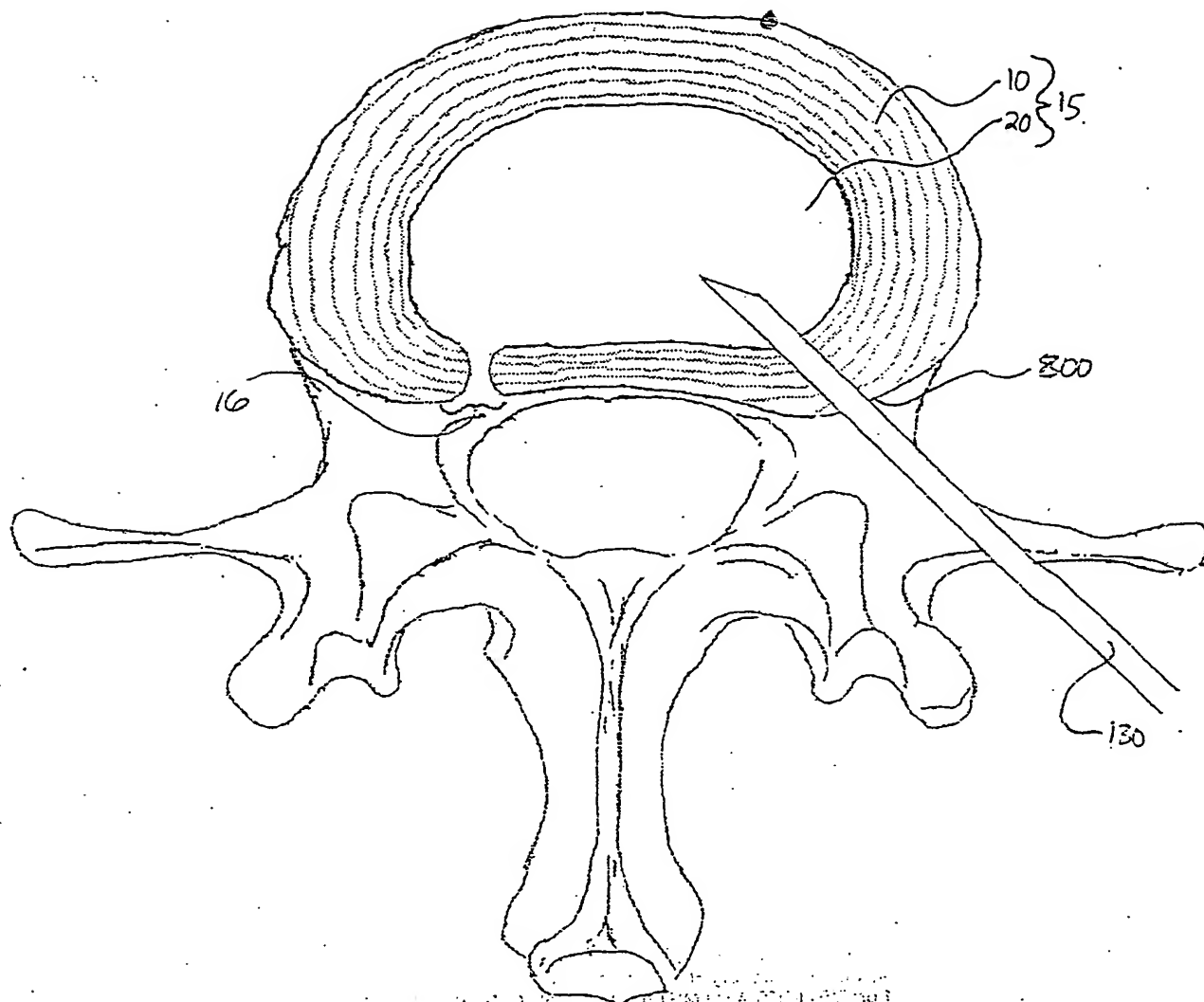


Figure 2A

10055504-102501

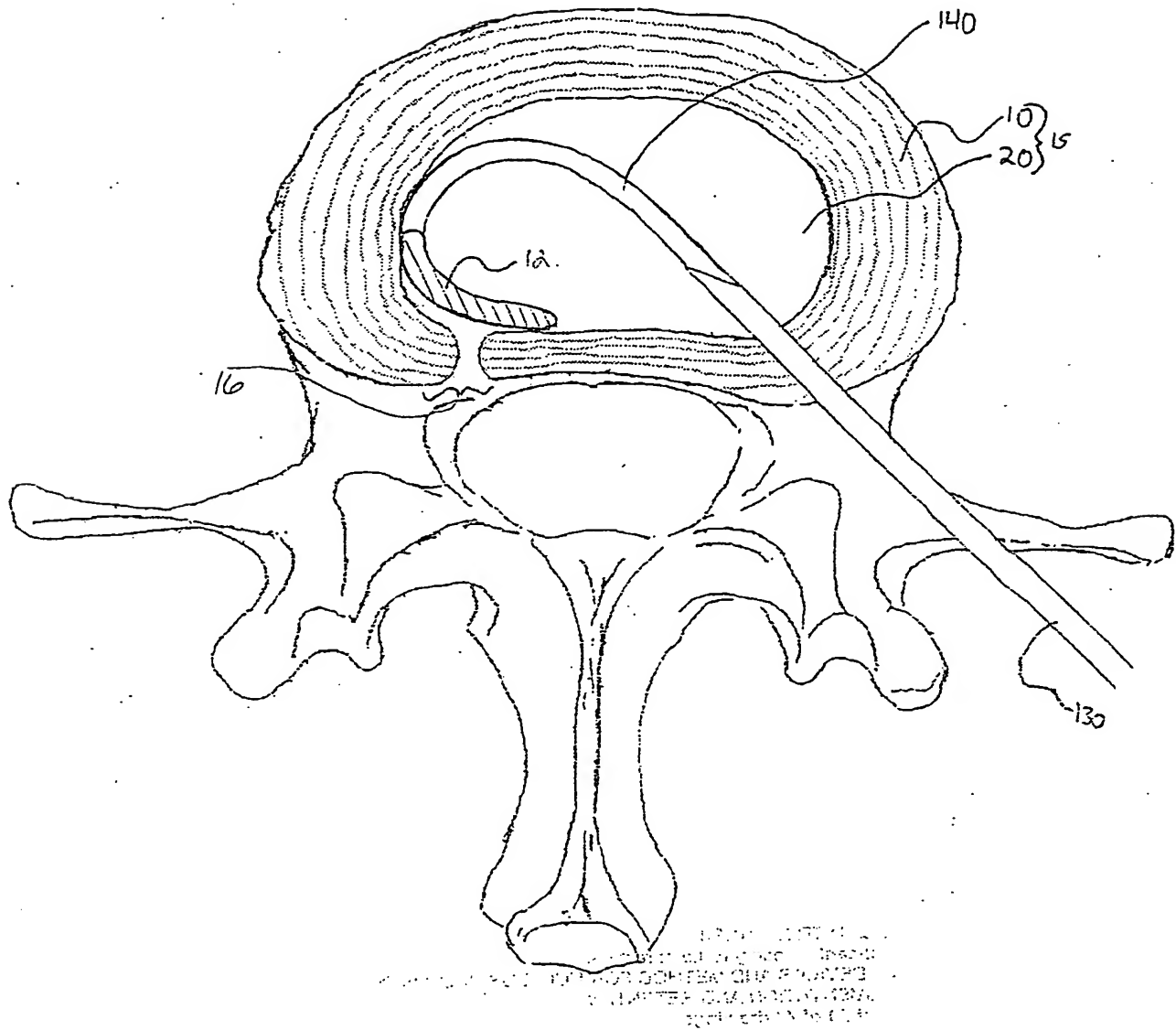


Figure 2B

10055504-102501

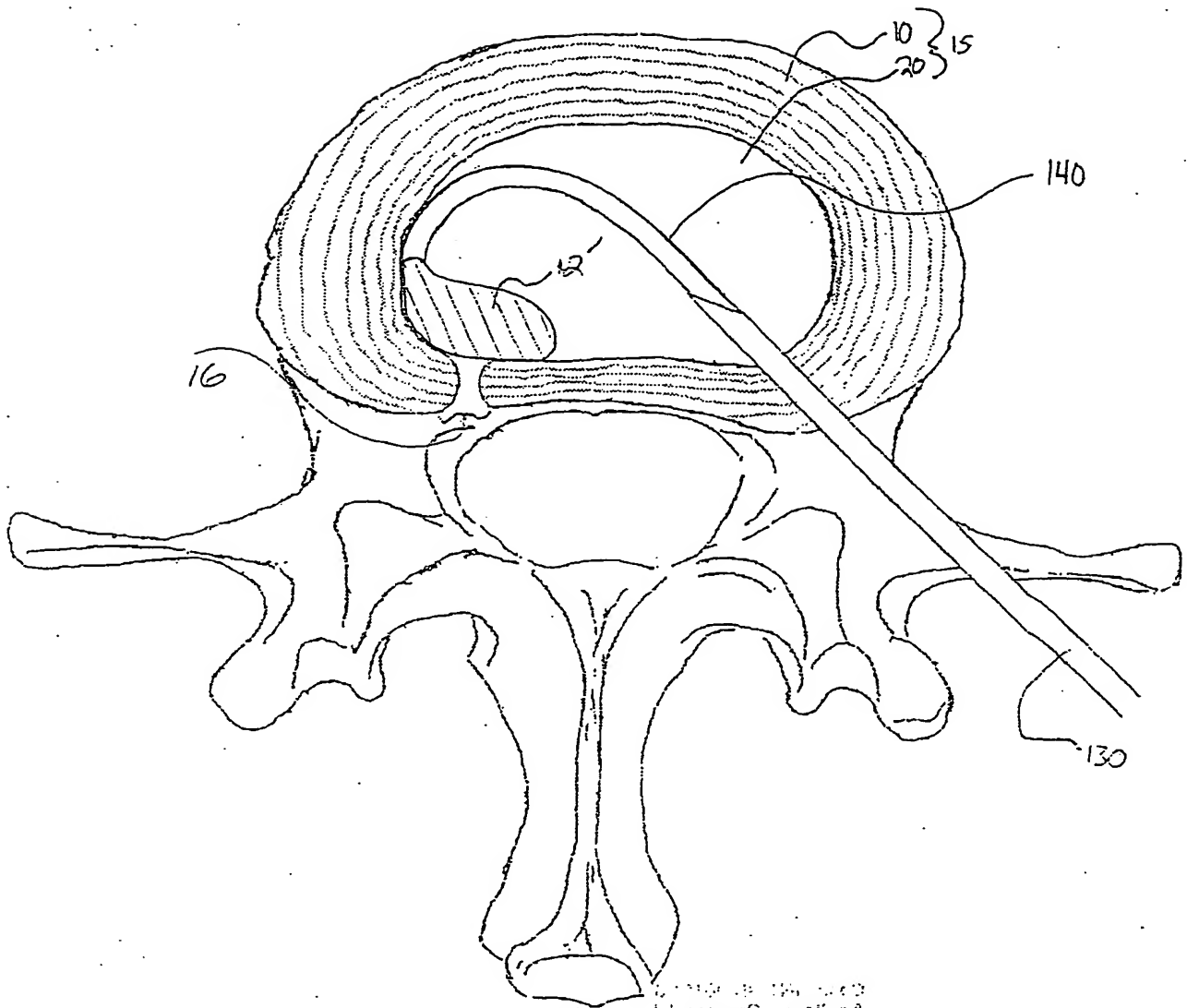


Figure 29C

FIG. 29D

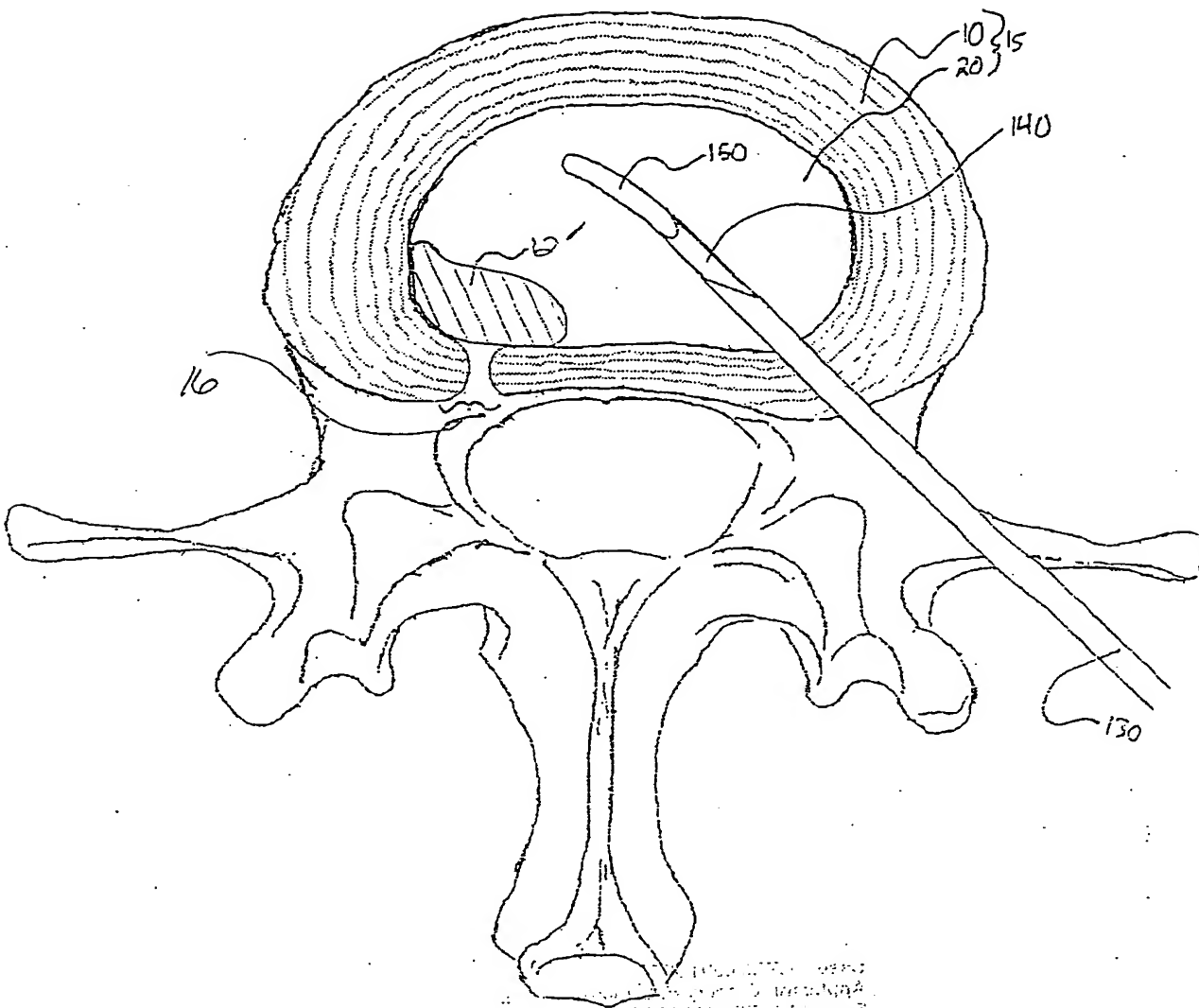


Figure 29D



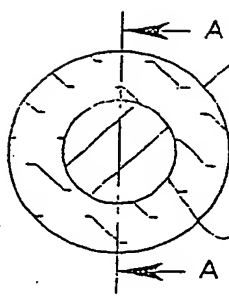


Figure 30A

A-A Section

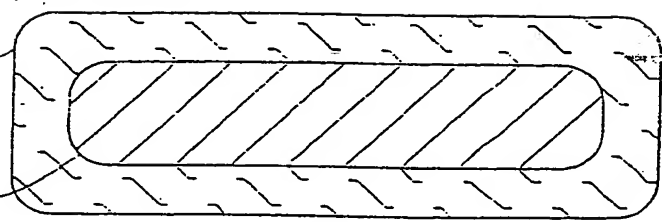


Figure 30B

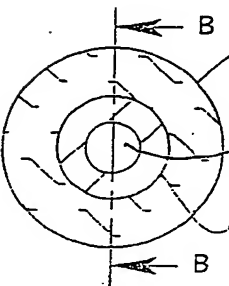


Figure 31A

B-B Section

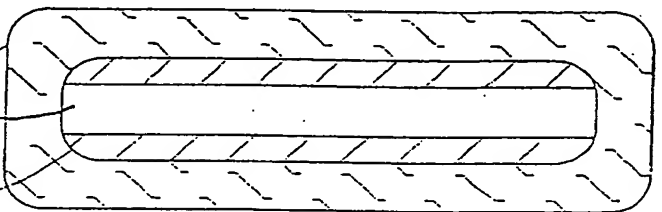


Figure 31B

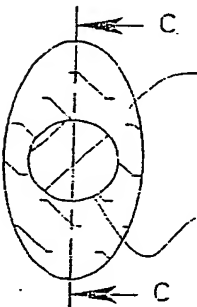


Figure 32A

C-C Section

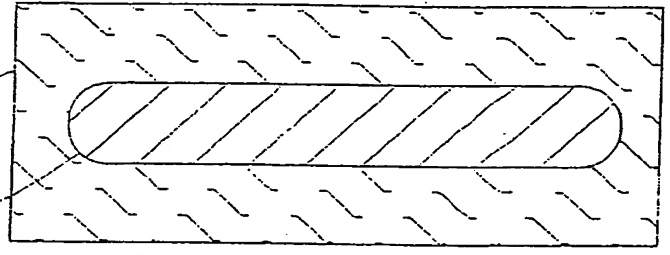


Figure 32B

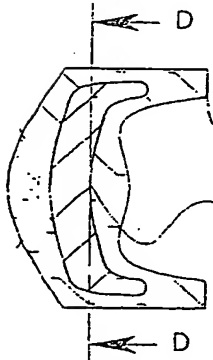


Figure 33A

D-D Section

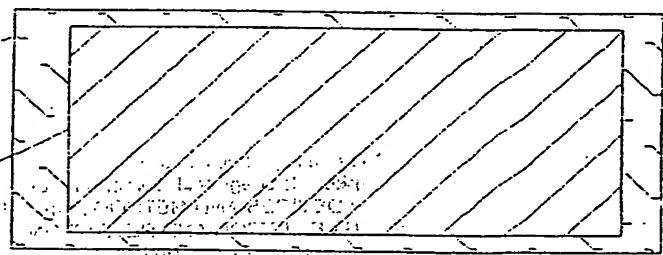


Figure 33B

1005504-10501

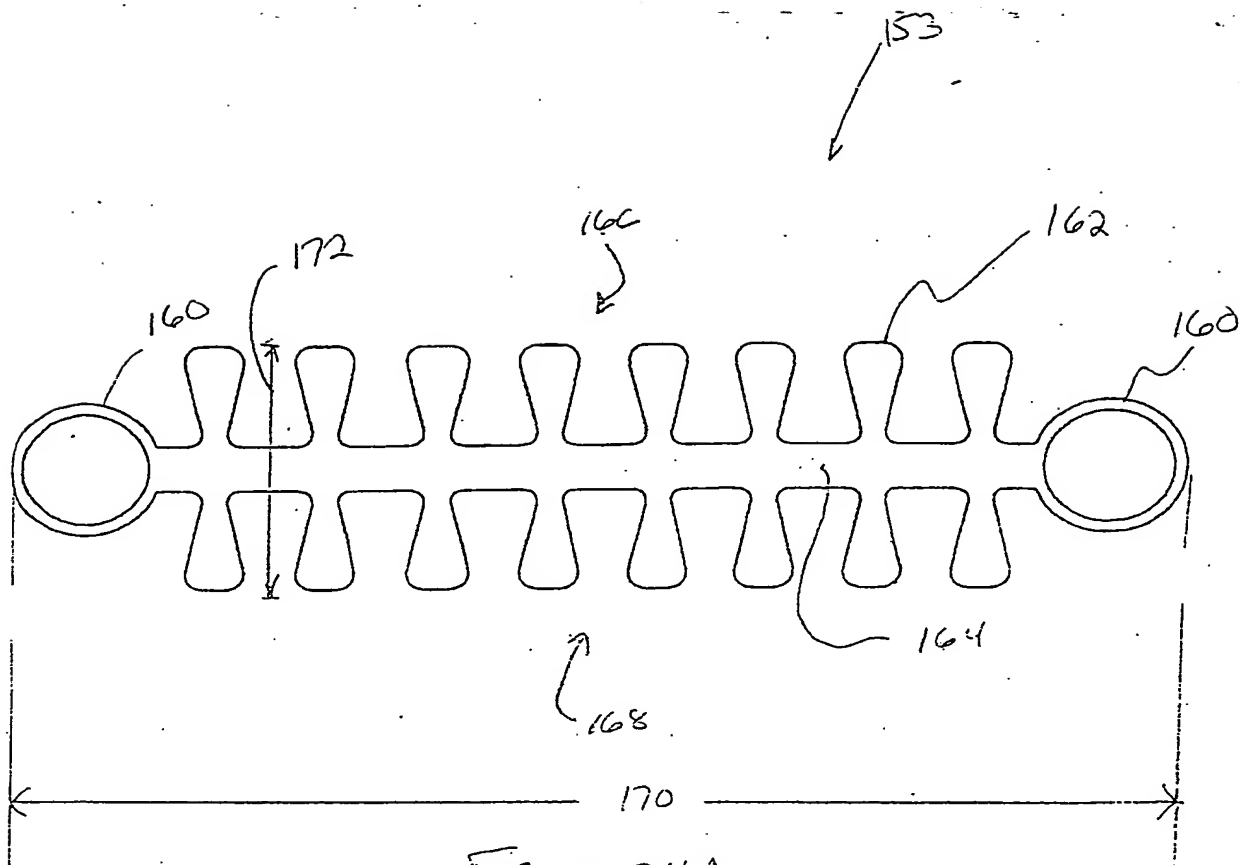


Figure 34A

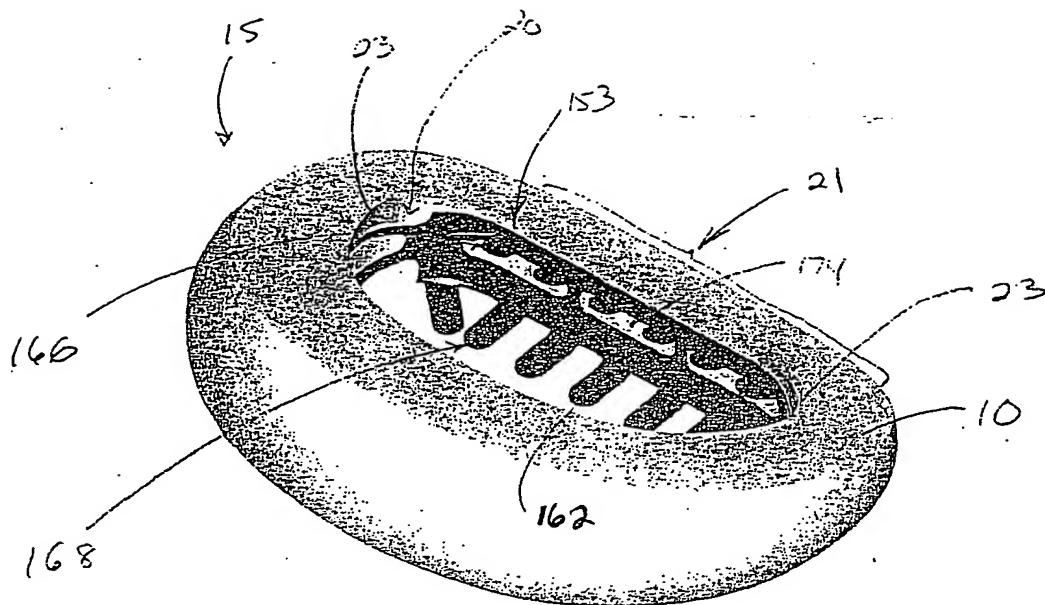


Figure 34B

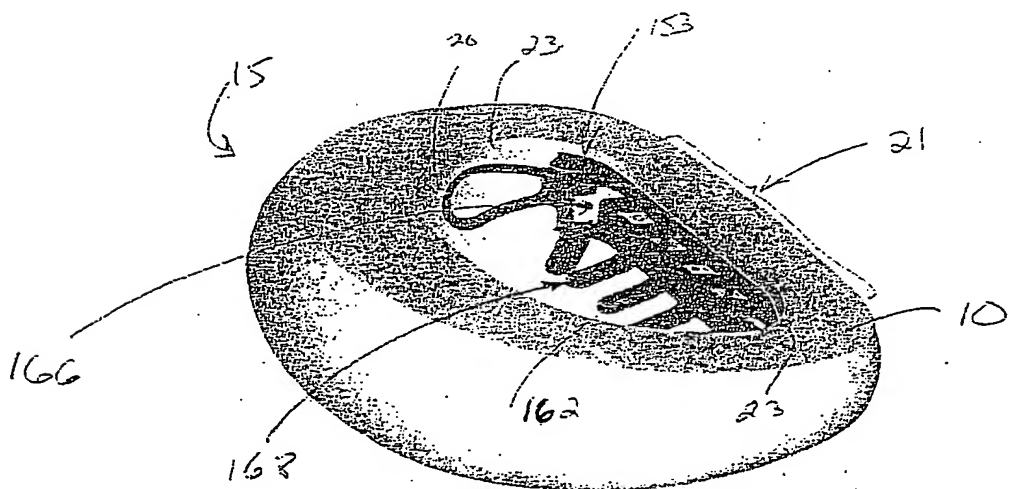


Figure 34C

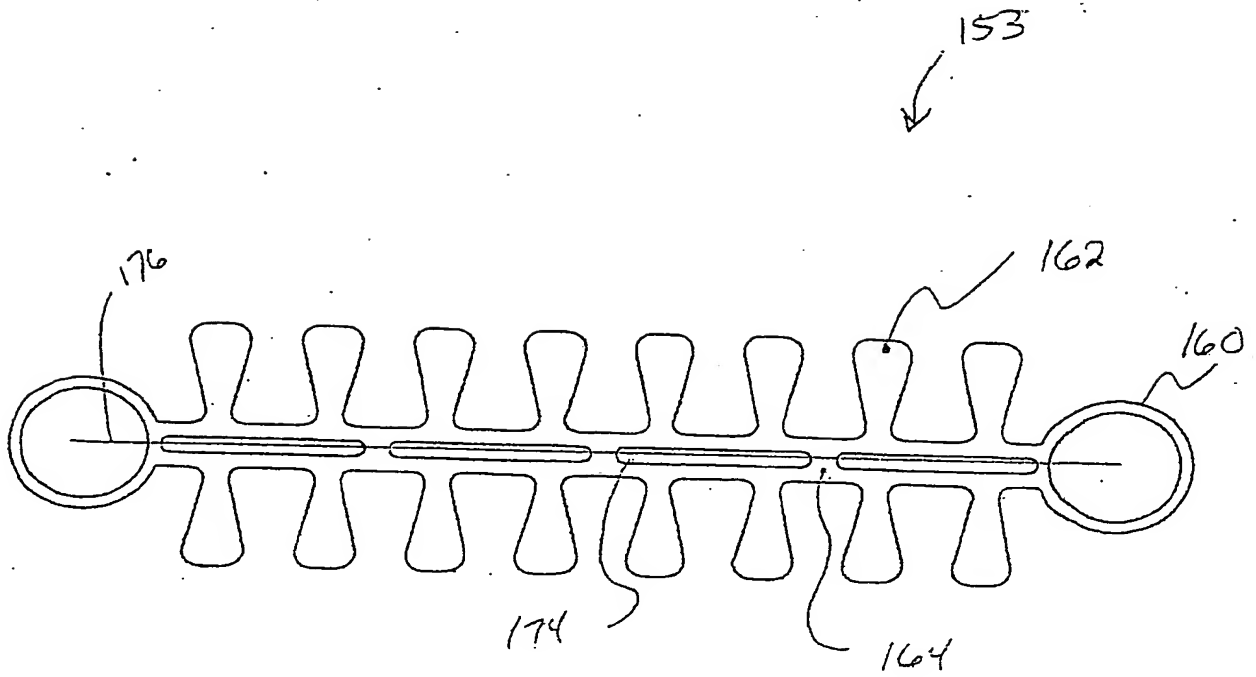


Figure 35

10055504 102501

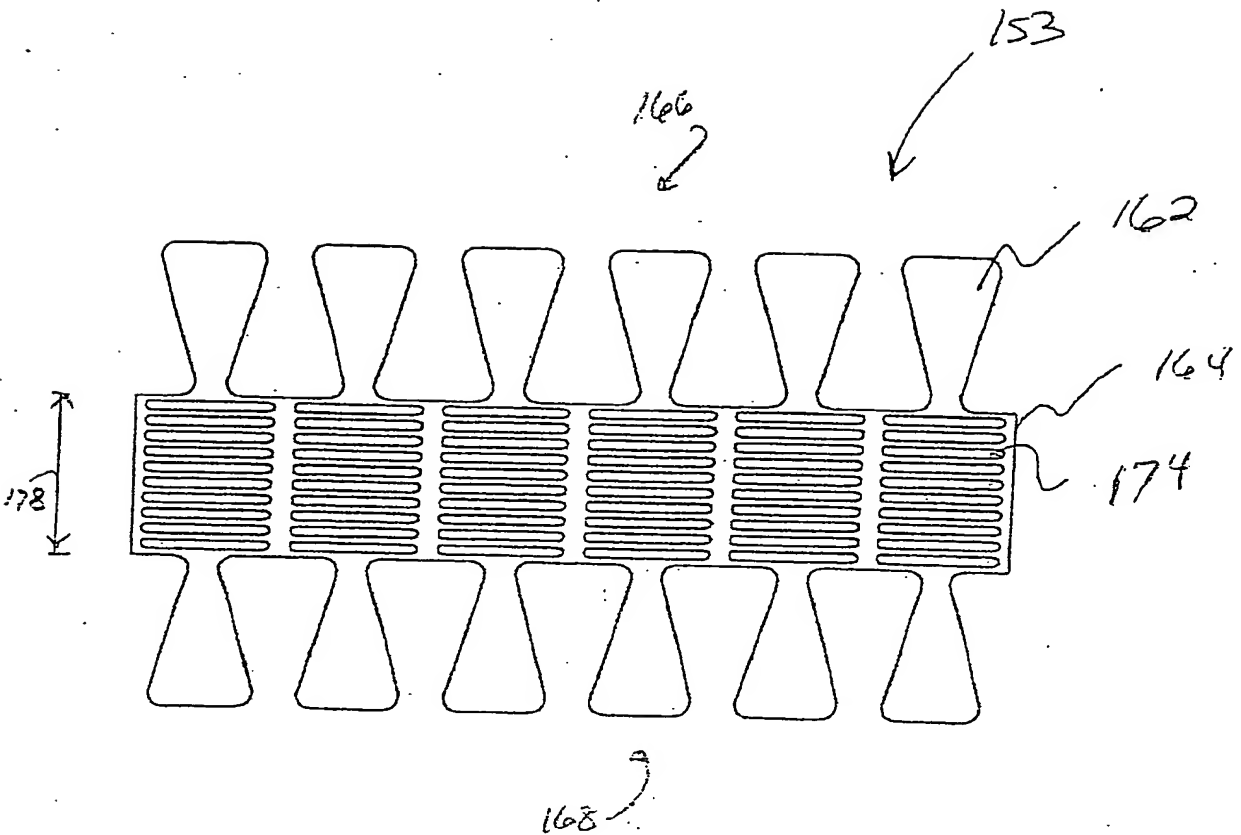
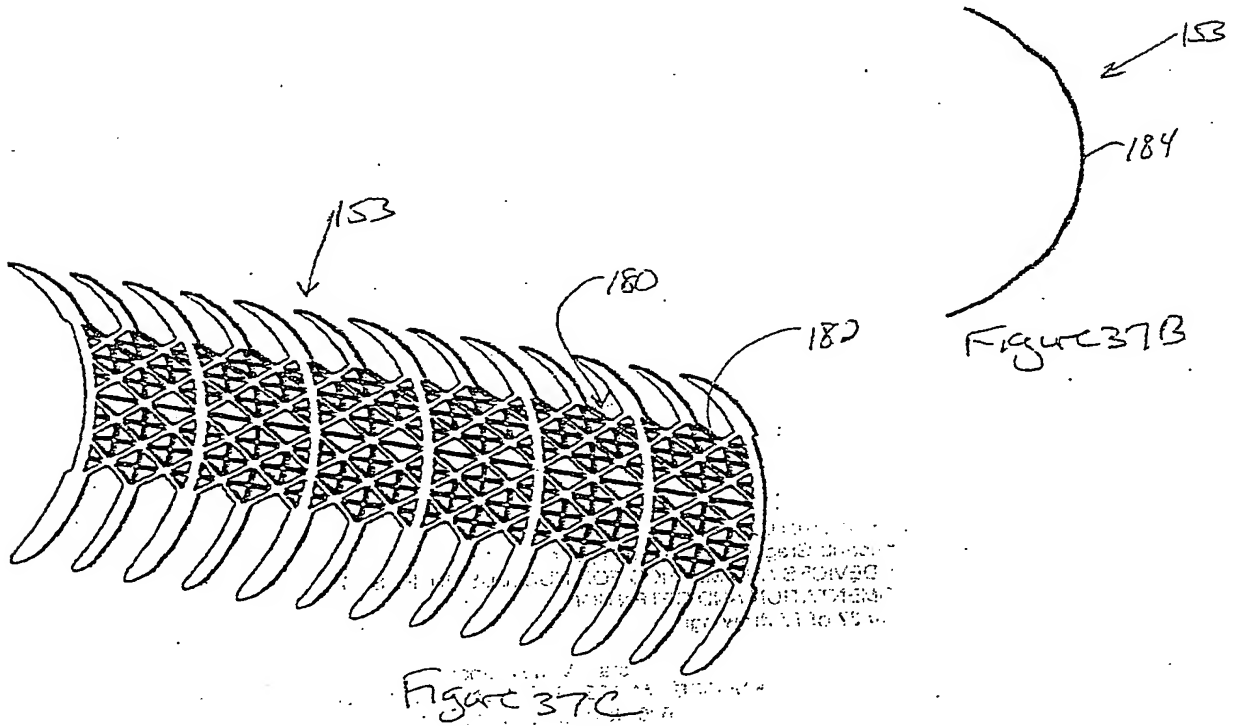
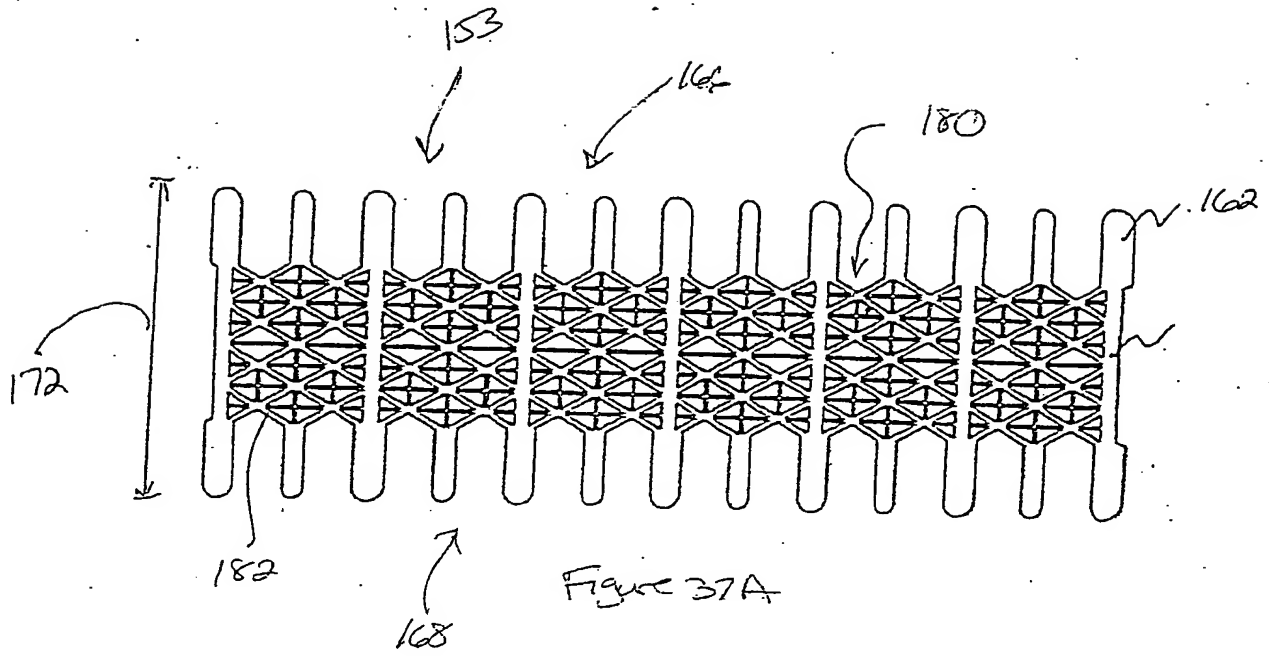


Figure 36

10055504 102501  
FIG. 36  
A perspective view of the filter assembly of FIG. 35, showing the filter assembly in a cross-sectional view. The filter assembly includes a central core 164, a top row of protrusions 162, a bottom row of protrusions 168, and a rectangular frame 153. The central core 164 is flanked by the top and bottom rows of protrusions 162 and 168. The rectangular frame 153 encloses the central core 164 and the rows of protrusions 162 and 168. The filter assembly is shown in a cross-sectional view, with the central core 164 and the rows of protrusions 162 and 168 being the main components. The rectangular frame 153 is shown as a simple outline. The filter assembly is shown in a perspective view, with the central core 164 and the rows of protrusions 162 and 168 being the main components. The rectangular frame 153 is shown as a simple outline. The filter assembly is shown in a cross-sectional view, with the central core 164 and the rows of protrusions 162 and 168 being the main components. The rectangular frame 153 is shown as a simple outline.

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102501-102504

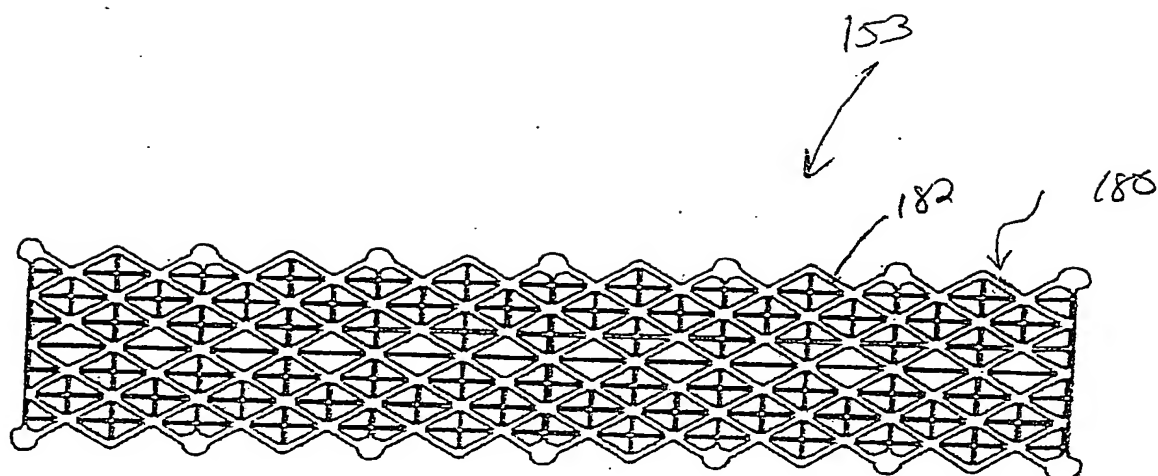
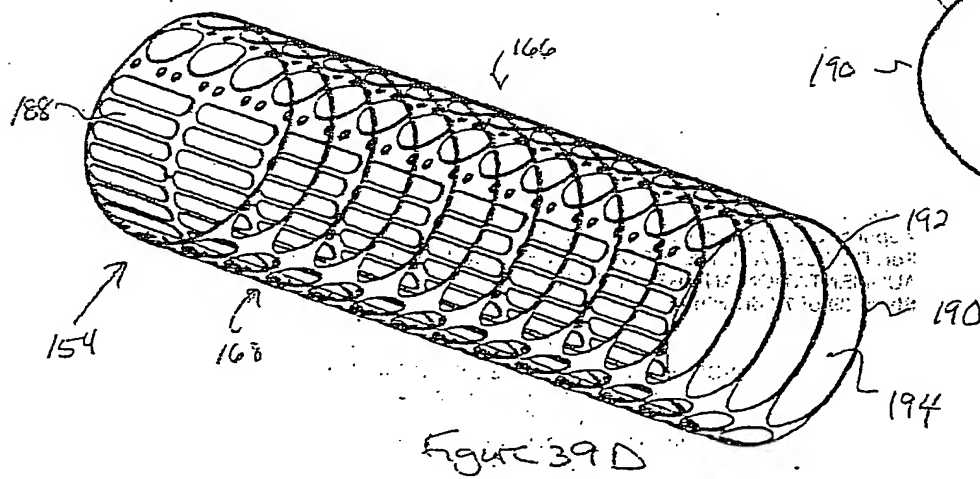
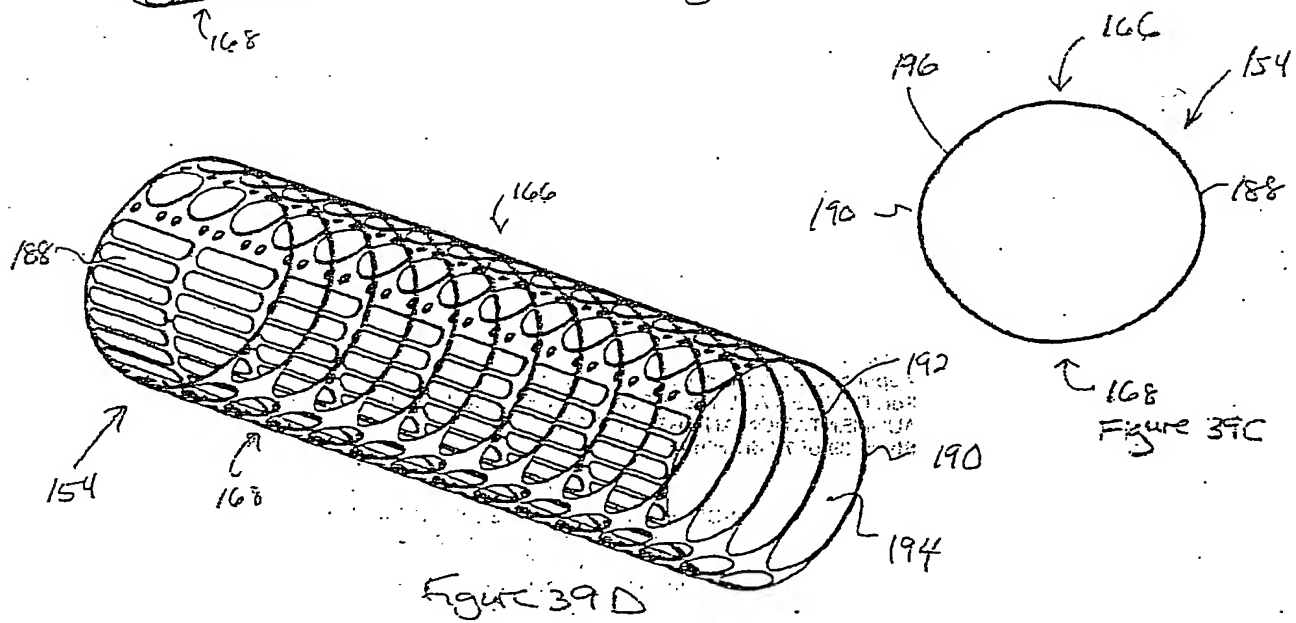
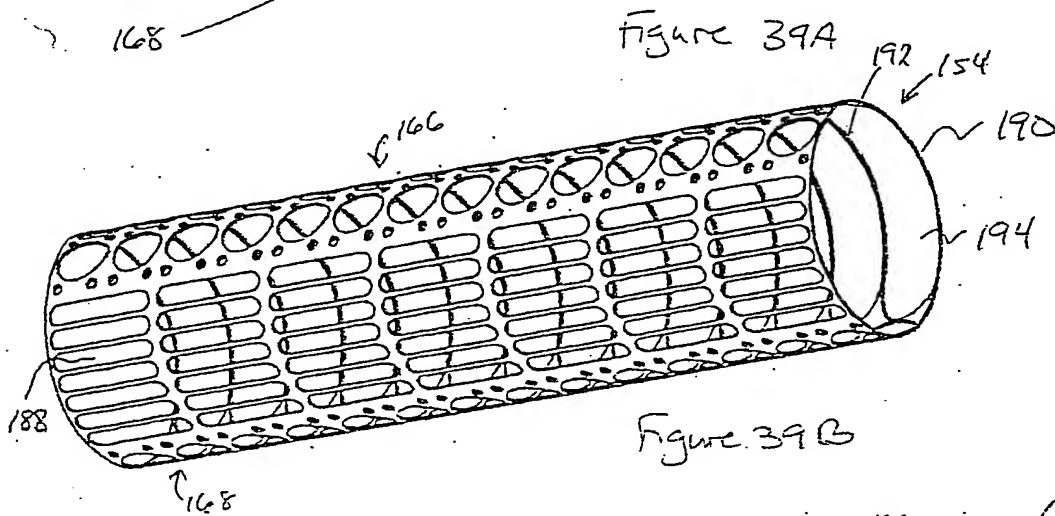
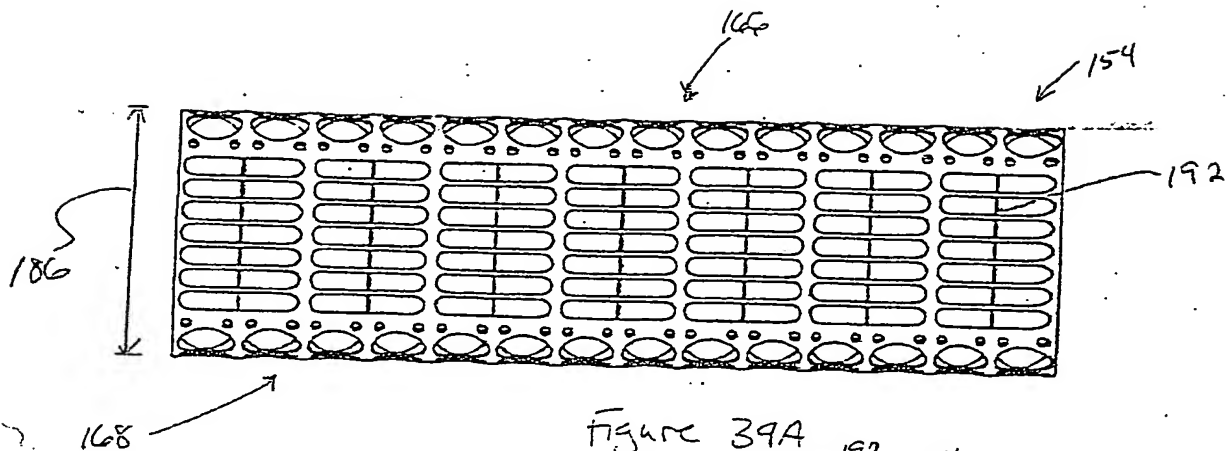


Figure 38

1. RESEARCH AND DEVELOPMENT  
 2. MANUFACTURING  
 3. SALES AND MARKETING  
 4. FINANCIAL  
 5. GENERAL AND ADMINISTRATIVE

1. The first step is to identify the problem. This involves understanding the symptoms and the context in which they are occurring.





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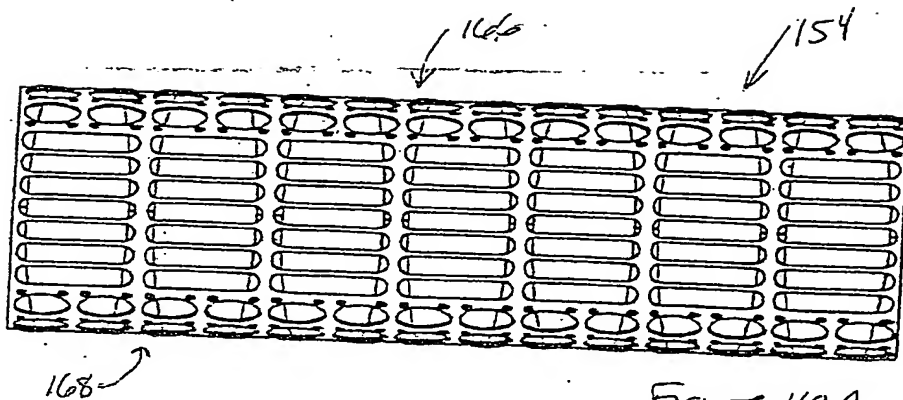


Figure 40A

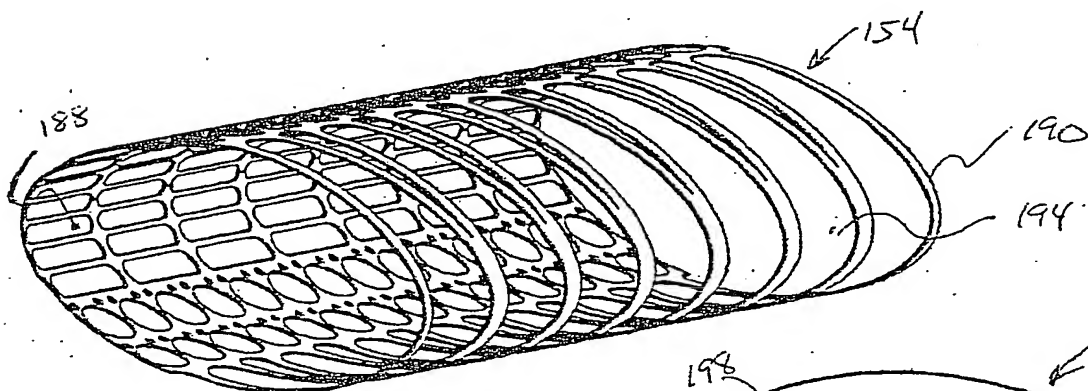


Figure 40B



Figure 40C

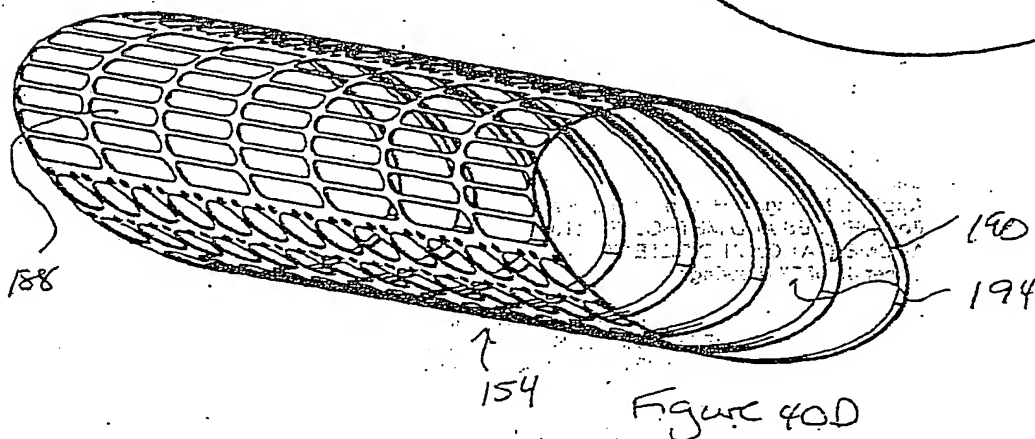


Figure 40D

10055504-102501

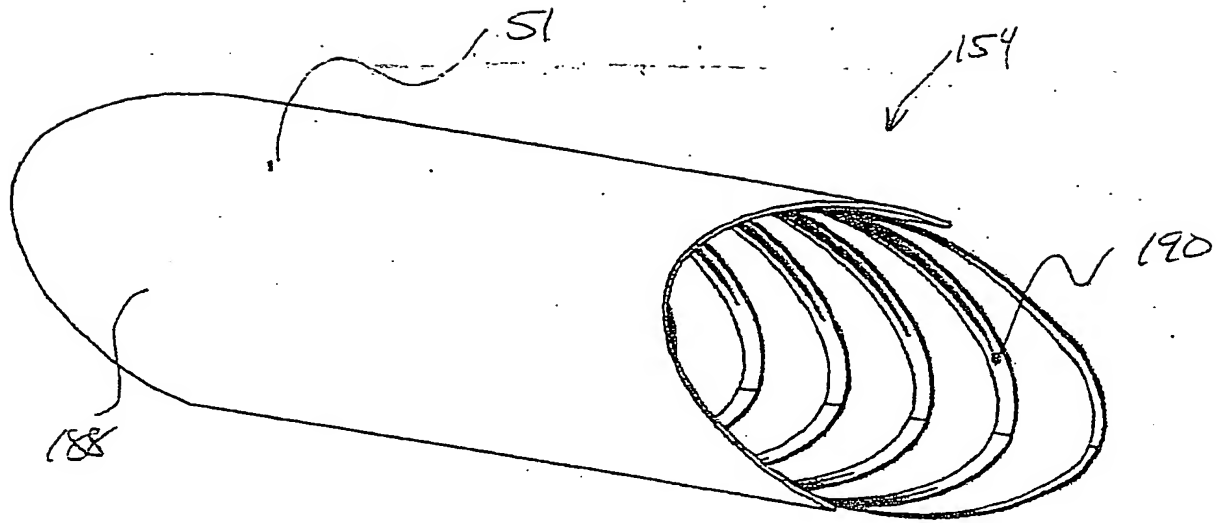


Figure 40 E

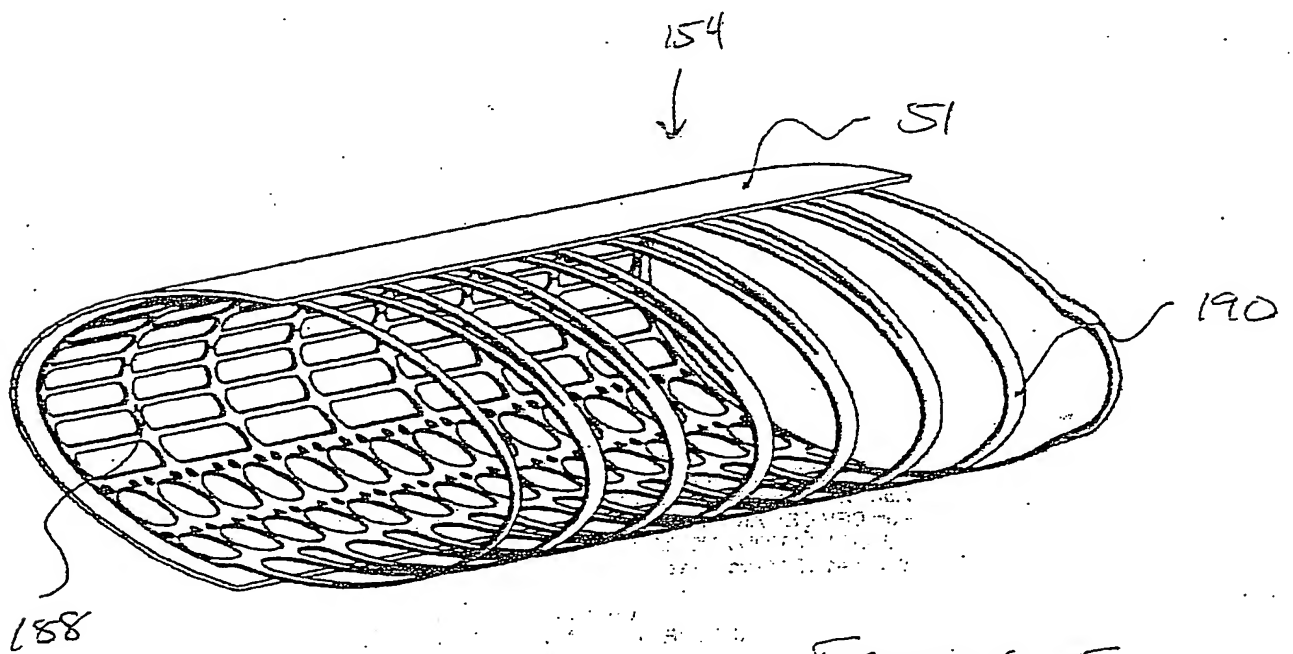


Figure 40 F

10055504-102501

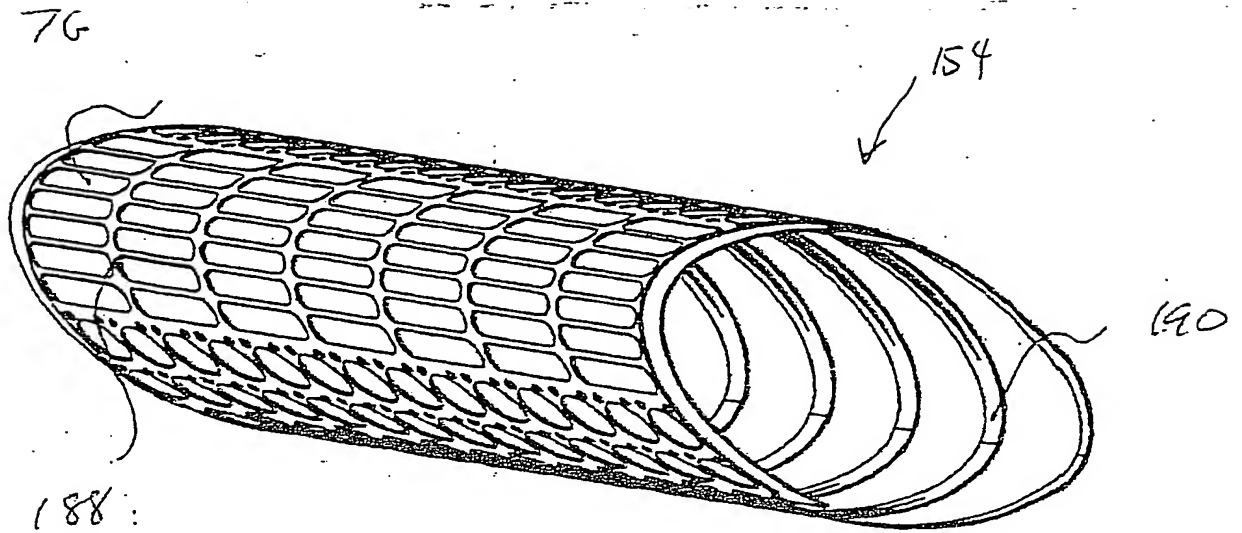


Figure 40G

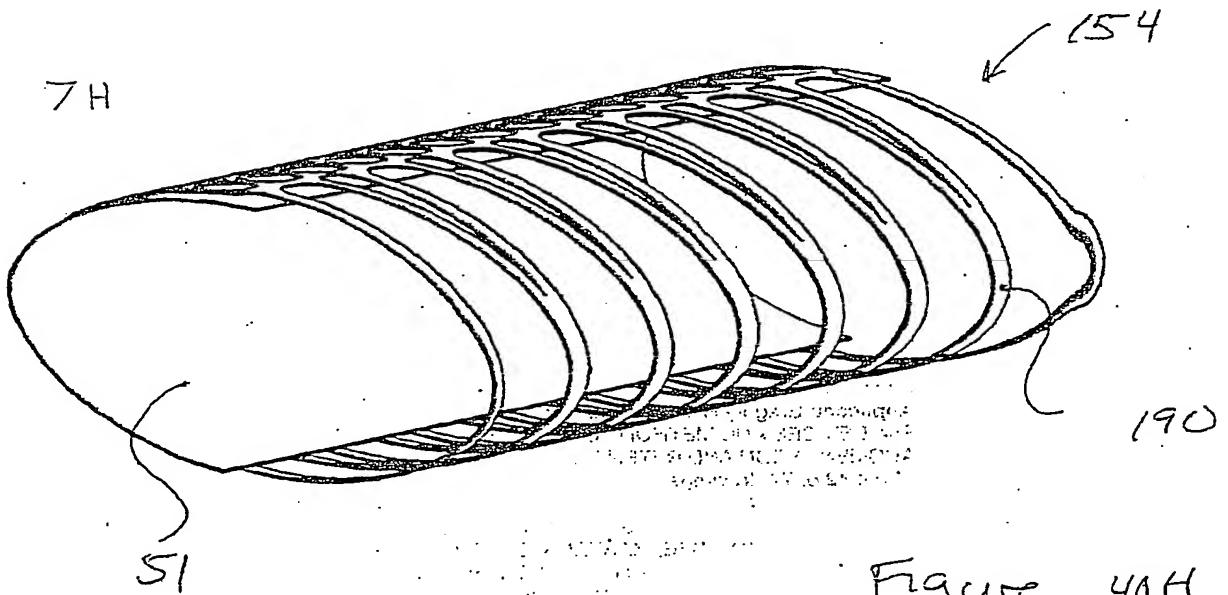


Figure 40H

Figure 40I

1. NAME  
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 4. LOCATION  
 5. REMARKS  
 6. SIGNATURE  
 7. DATE  
 8. TIME  
 9. LOCATION  
 10. REMARKS  
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10055504-102501

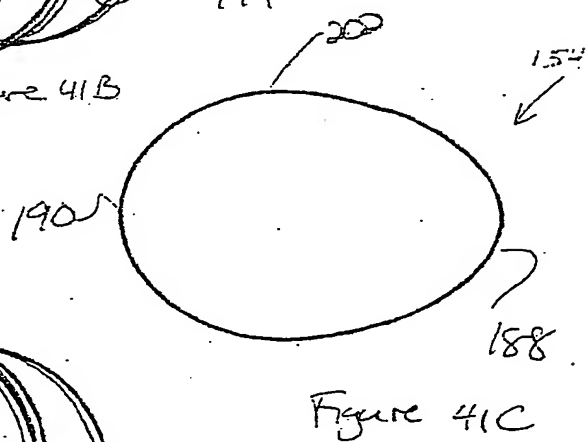
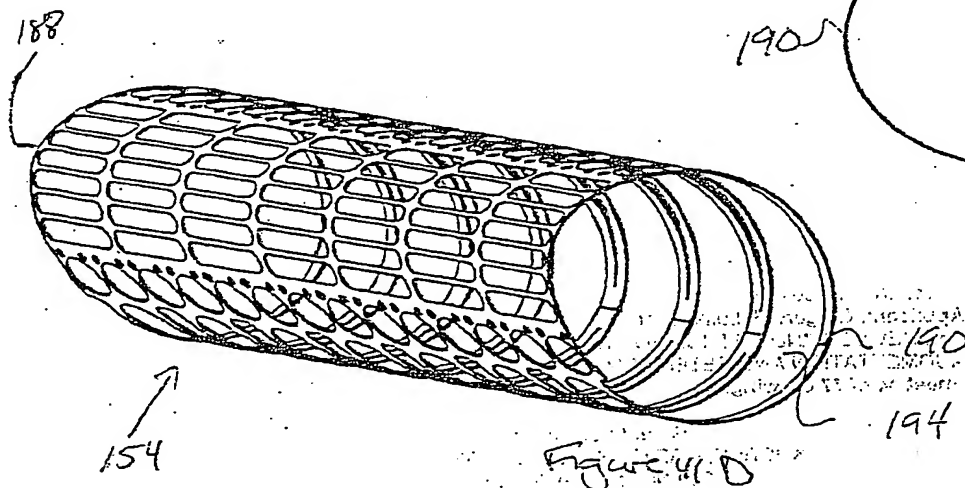
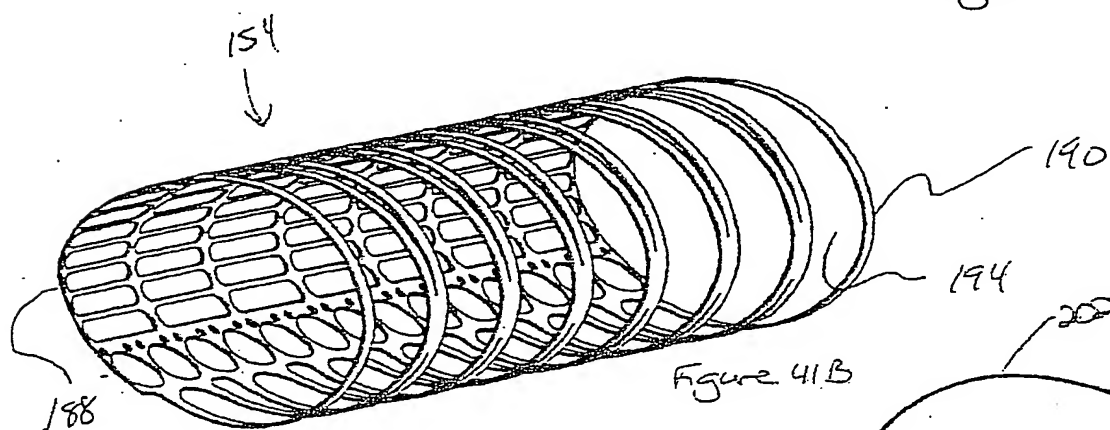
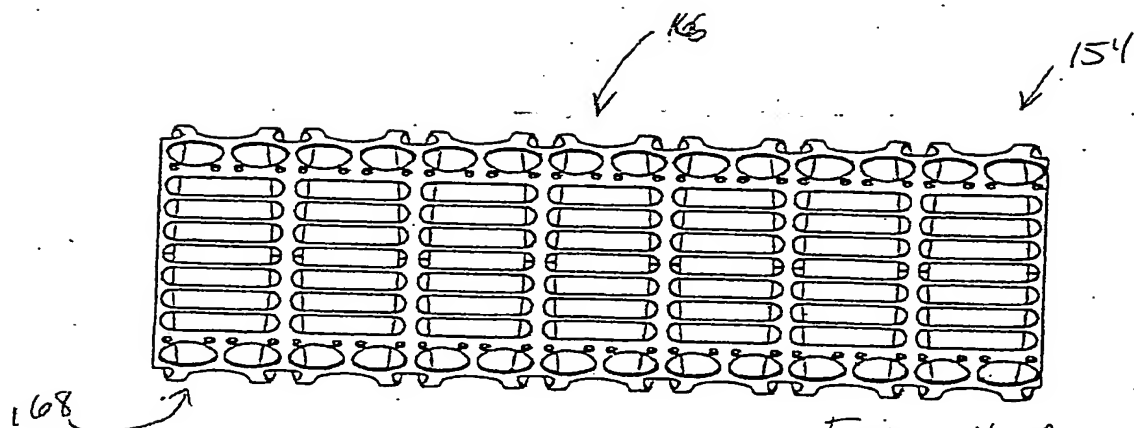


FIG. 42C

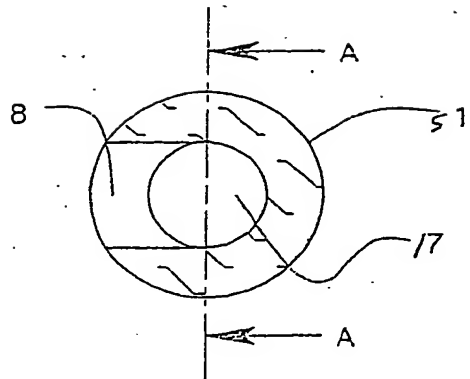


Fig 42A

A-A Section

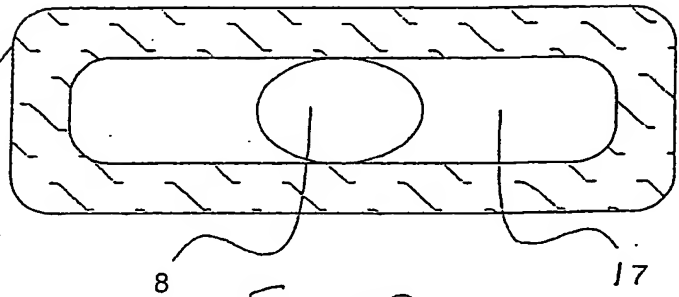


Fig 42B

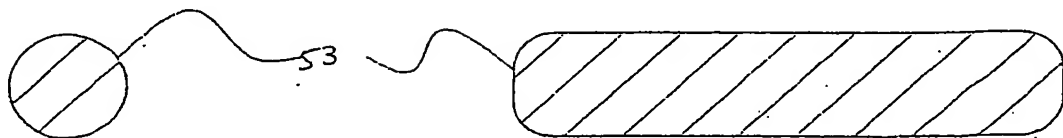


Figure 42C

Fig. 42D

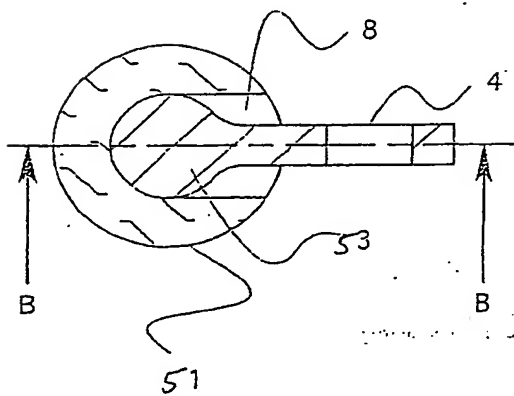


Figure 43A

B-B Section

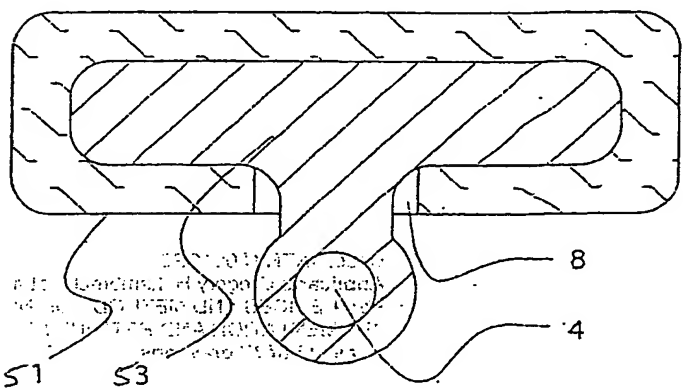
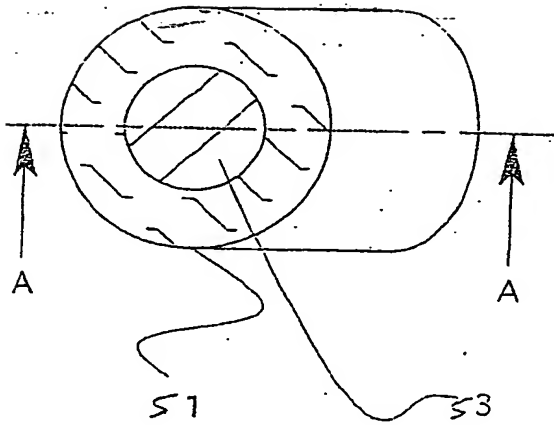


Fig 43B

1005504-102501



A-A Section

Fig 44 A

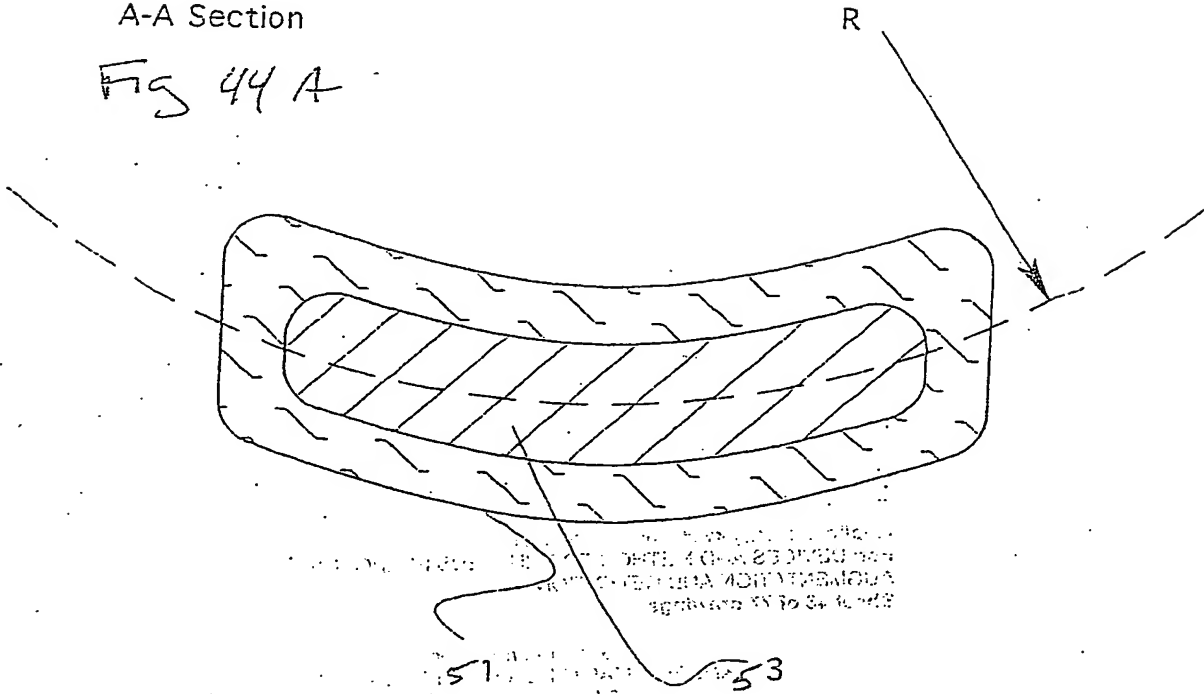


Figure 44B

1055504-102501

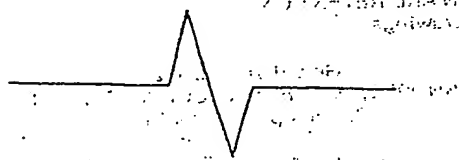
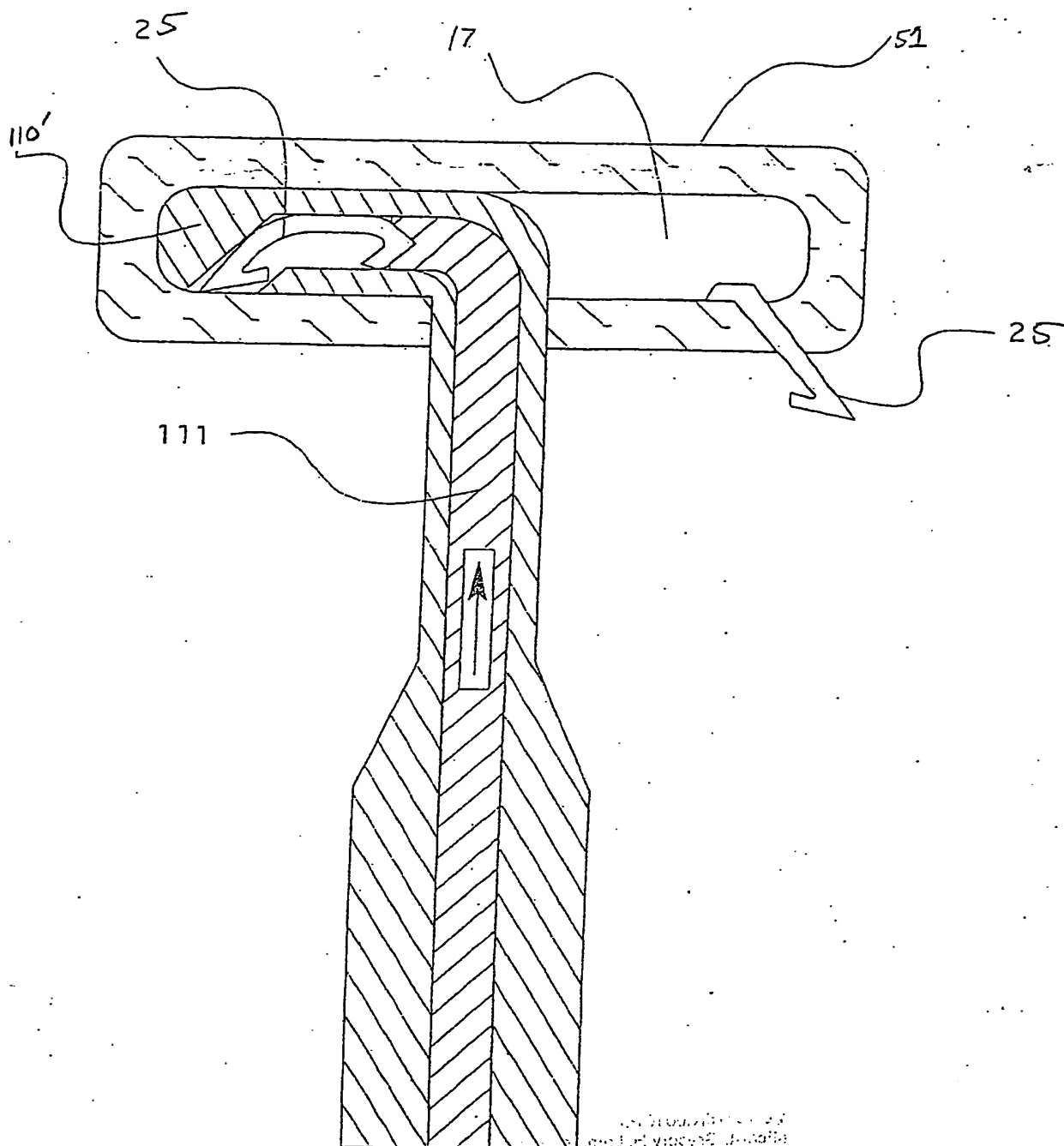


Figure 45



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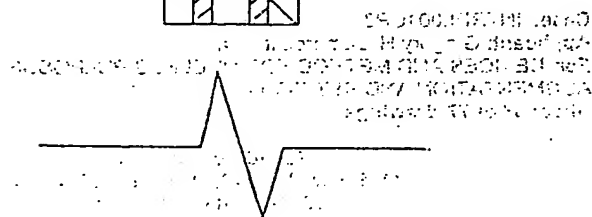
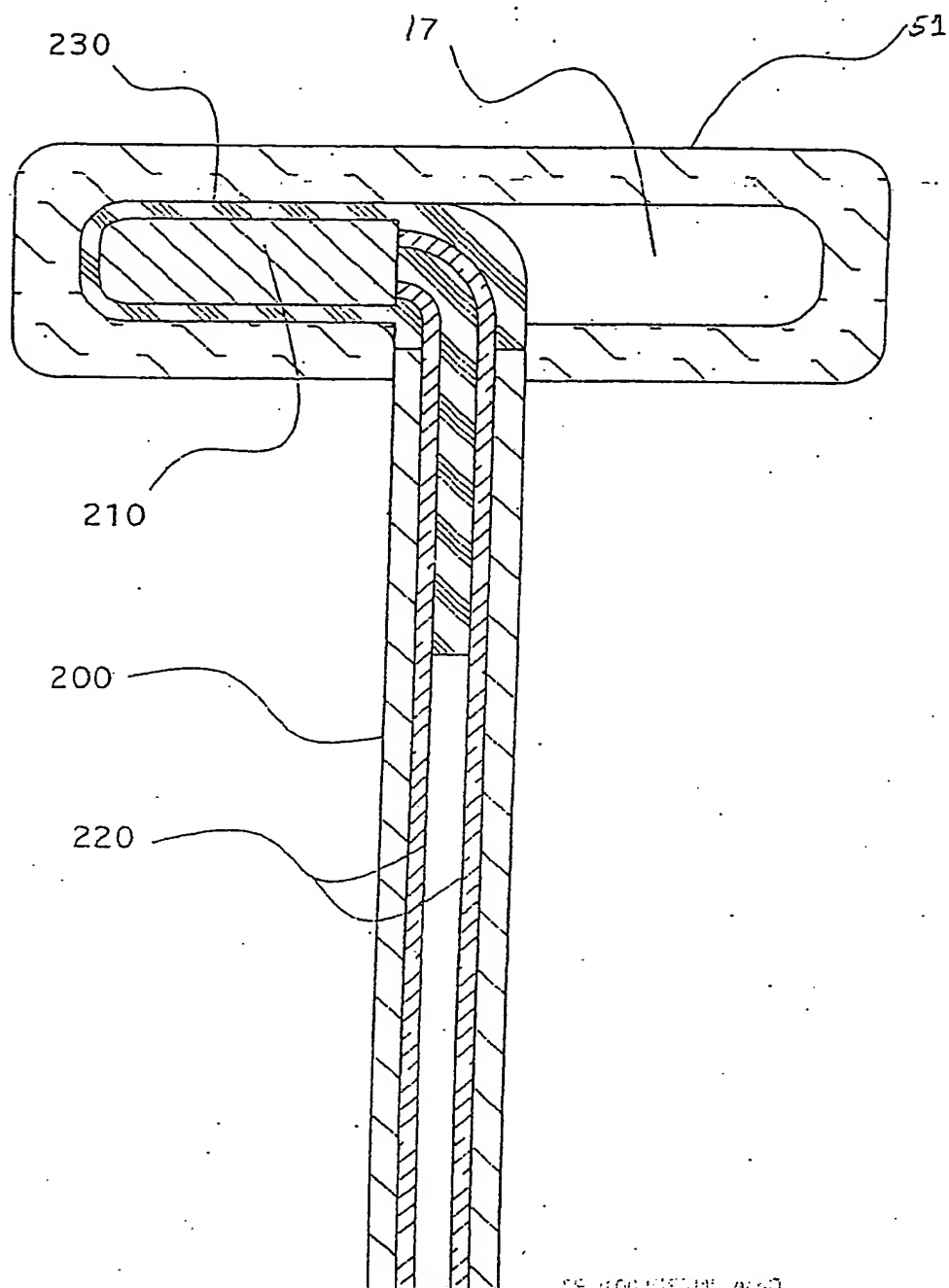


Figure 46

FIG. 47

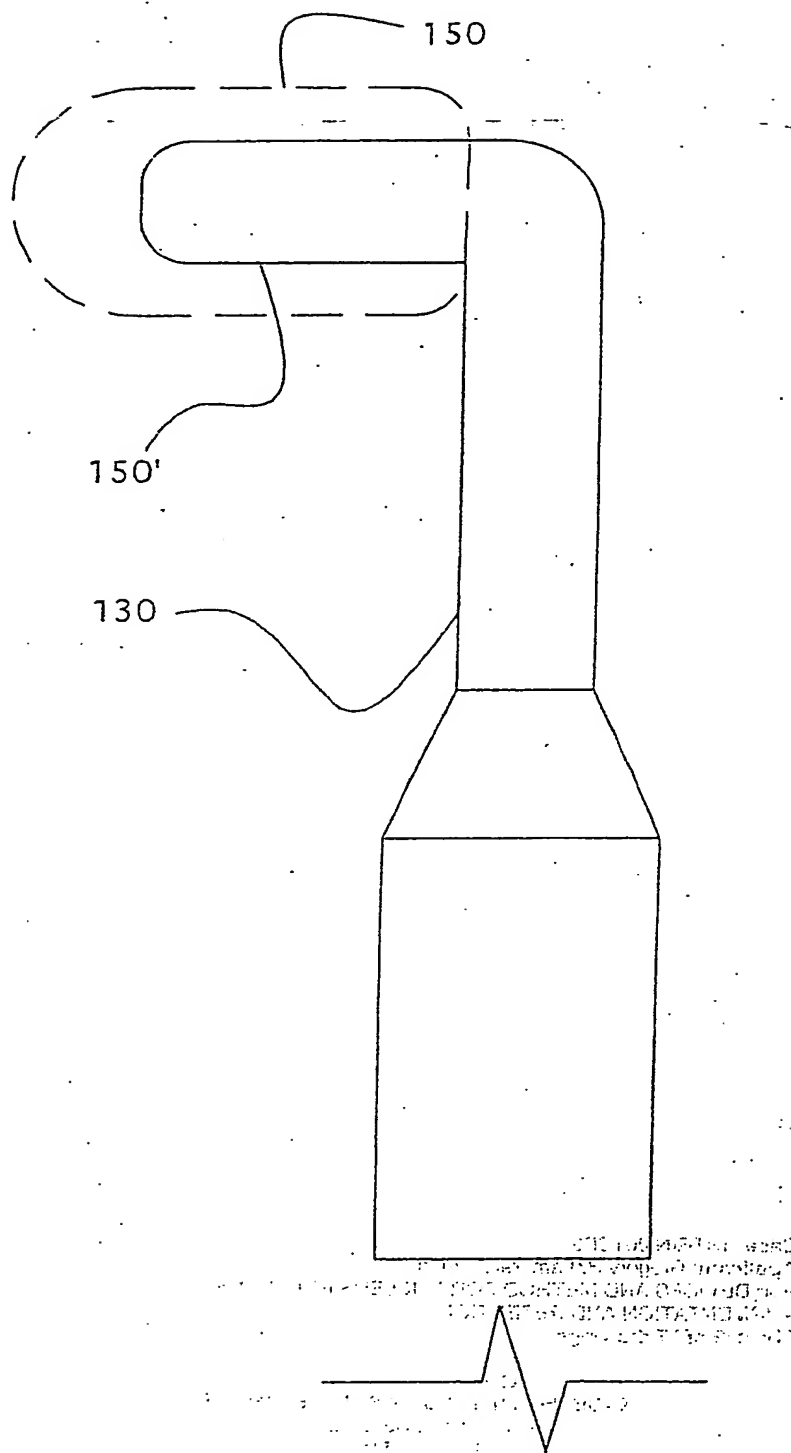


Figure 47

105504-105501

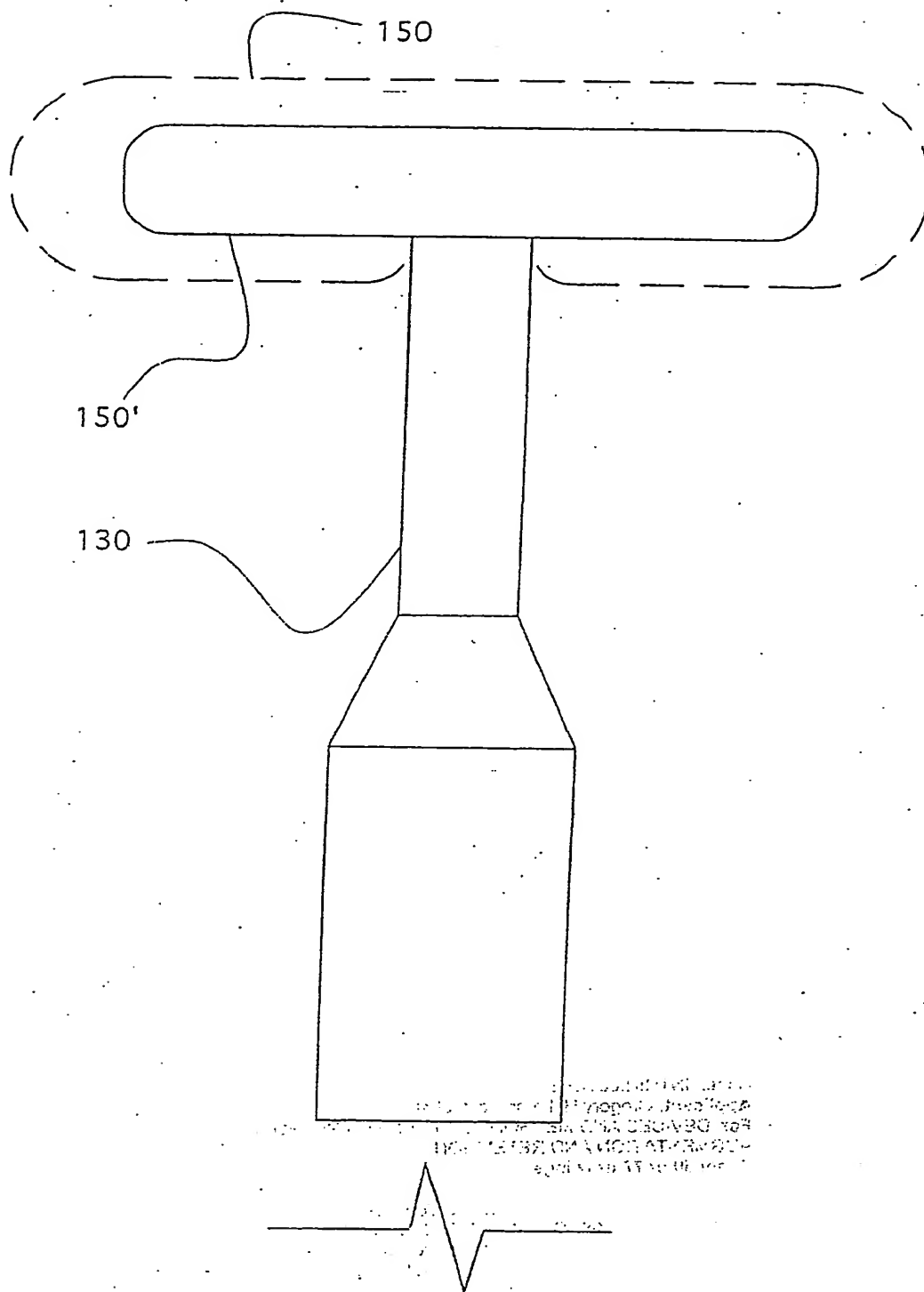


Figure 48

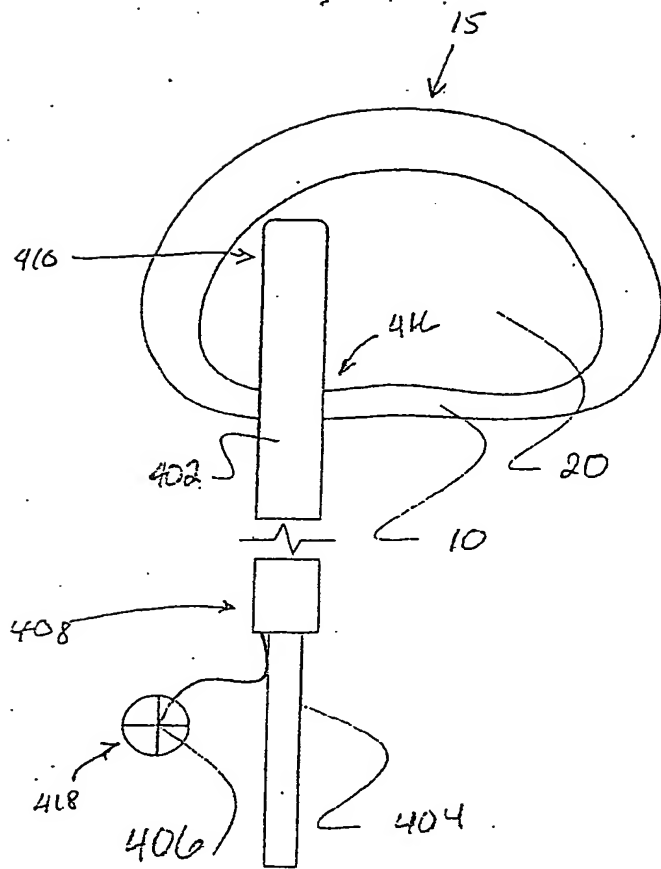


Figure 49A

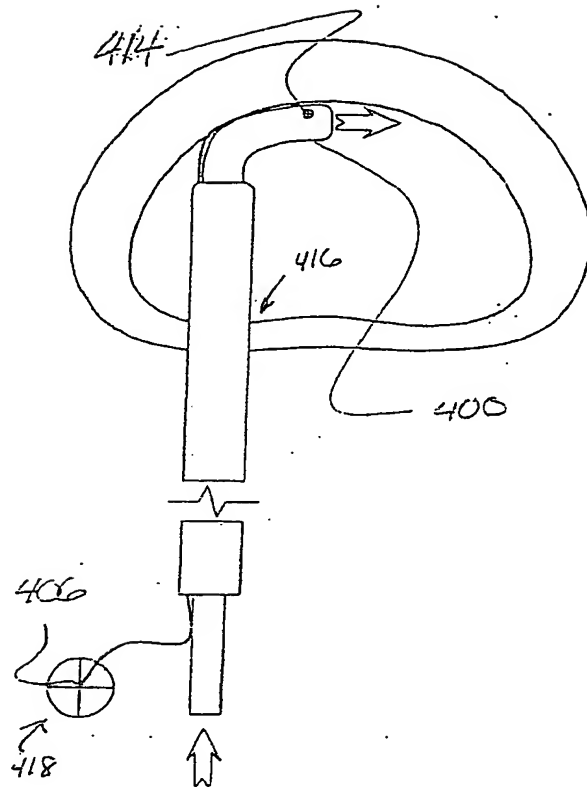


Figure 49B

FIG. 49A and FIG. 49B are schematic diagrams of a medical device 10 and 400, respectively, in a first configuration. The medical device 10 and 400 include a handle 404 and a distal shaft 402. The handle 404 includes a proximal grip 408 and a circular component 418. The distal shaft 402 is connected to a cable 416. The cable 416 is configured to form a loop 414 around a target area 15 and 400. The loop 414 is formed by the cable 416 being connected to the distal end of the shaft 402 and extending back to the handle 404. The loop 414 is configured to be positioned around the target area 15 and 400. The loop 414 is formed by the cable 416 being connected to the distal end of the shaft 402 and extending back to the handle 404. The loop 414 is configured to be positioned around the target area 15 and 400.

FIG. 49A and FIG. 49B are schematic diagrams of a medical device 10 and 400, respectively, in a second configuration. The medical device 10 and 400 include a handle 404 and a distal shaft 402. The handle 404 includes a proximal grip 408 and a circular component 418. The distal shaft 402 is connected to a cable 416. The cable 416 is configured to form a loop 414 around a target area 15 and 400. The loop 414 is formed by the cable 416 being connected to the distal end of the shaft 402 and extending back to the handle 404. The loop 414 is configured to be positioned around the target area 15 and 400. The loop 414 is formed by the cable 416 being connected to the distal end of the shaft 402 and extending back to the handle 404. The loop 414 is configured to be positioned around the target area 15 and 400.

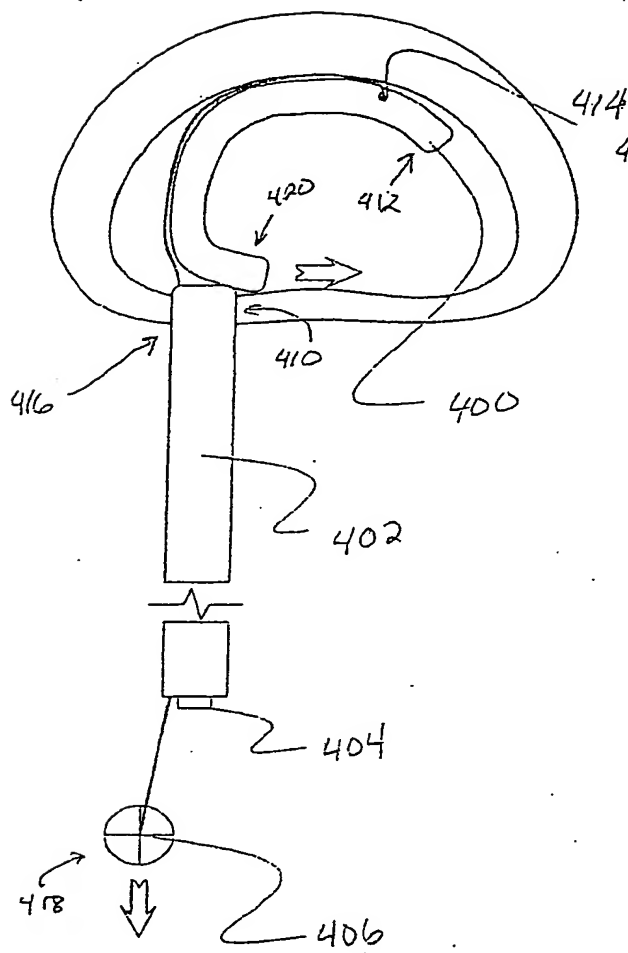


Figure 4C

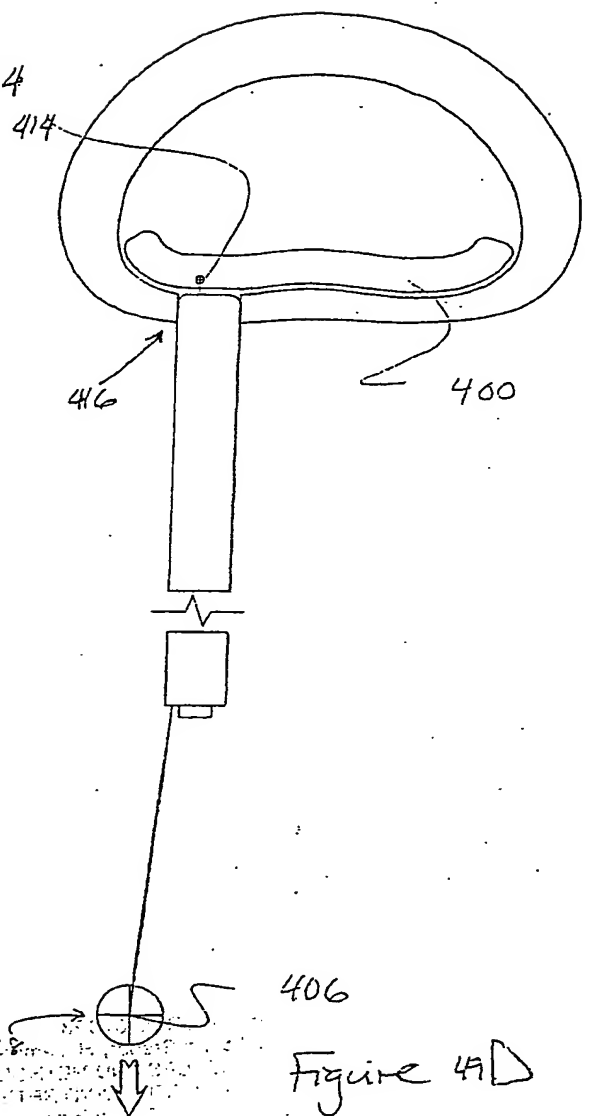


Figure 4D

10055504-102501

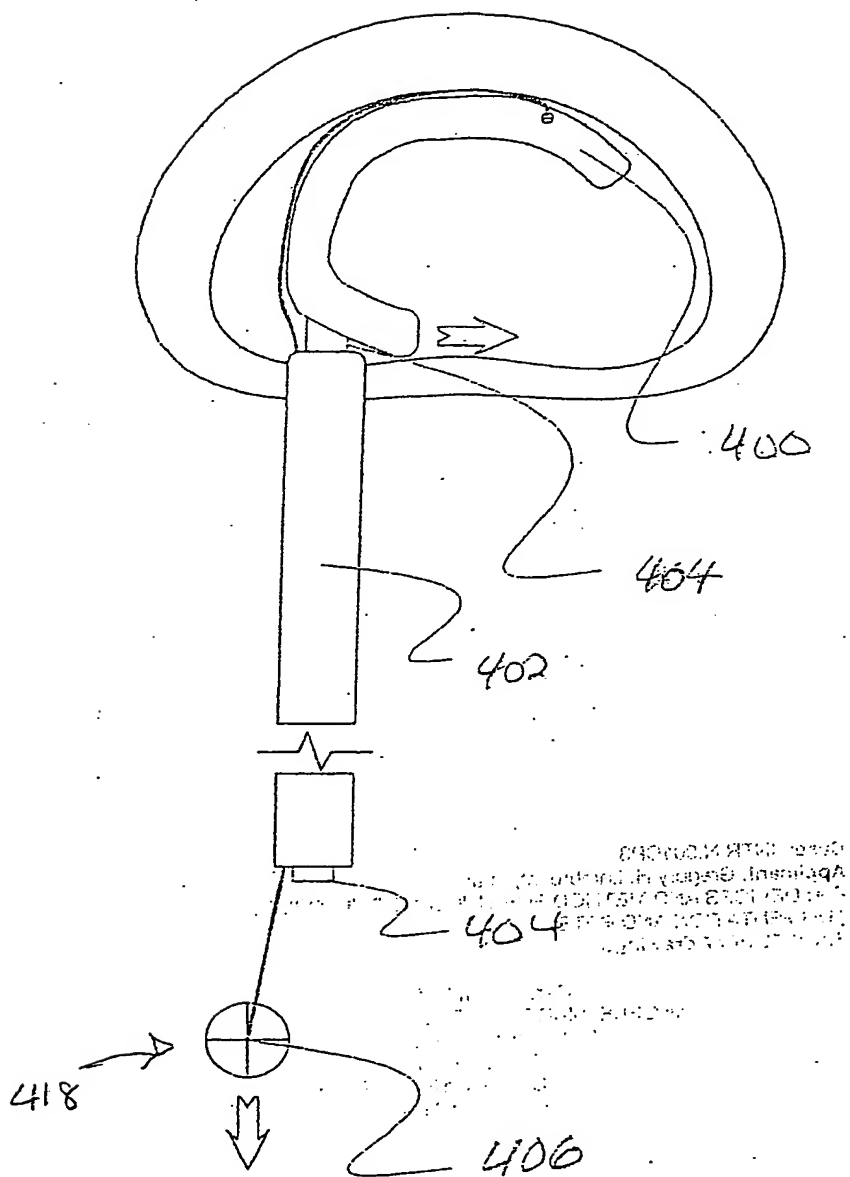


Figure 49E

10055504-102501

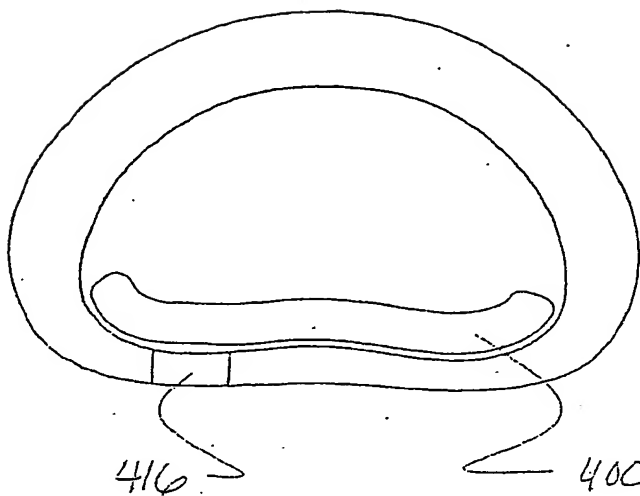


Figure 49F

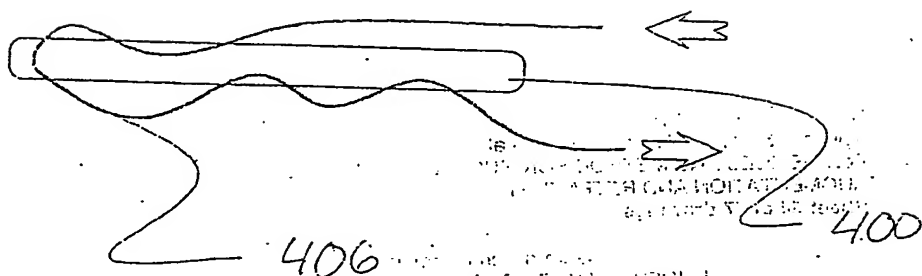


Figure 49G

1005504 102501

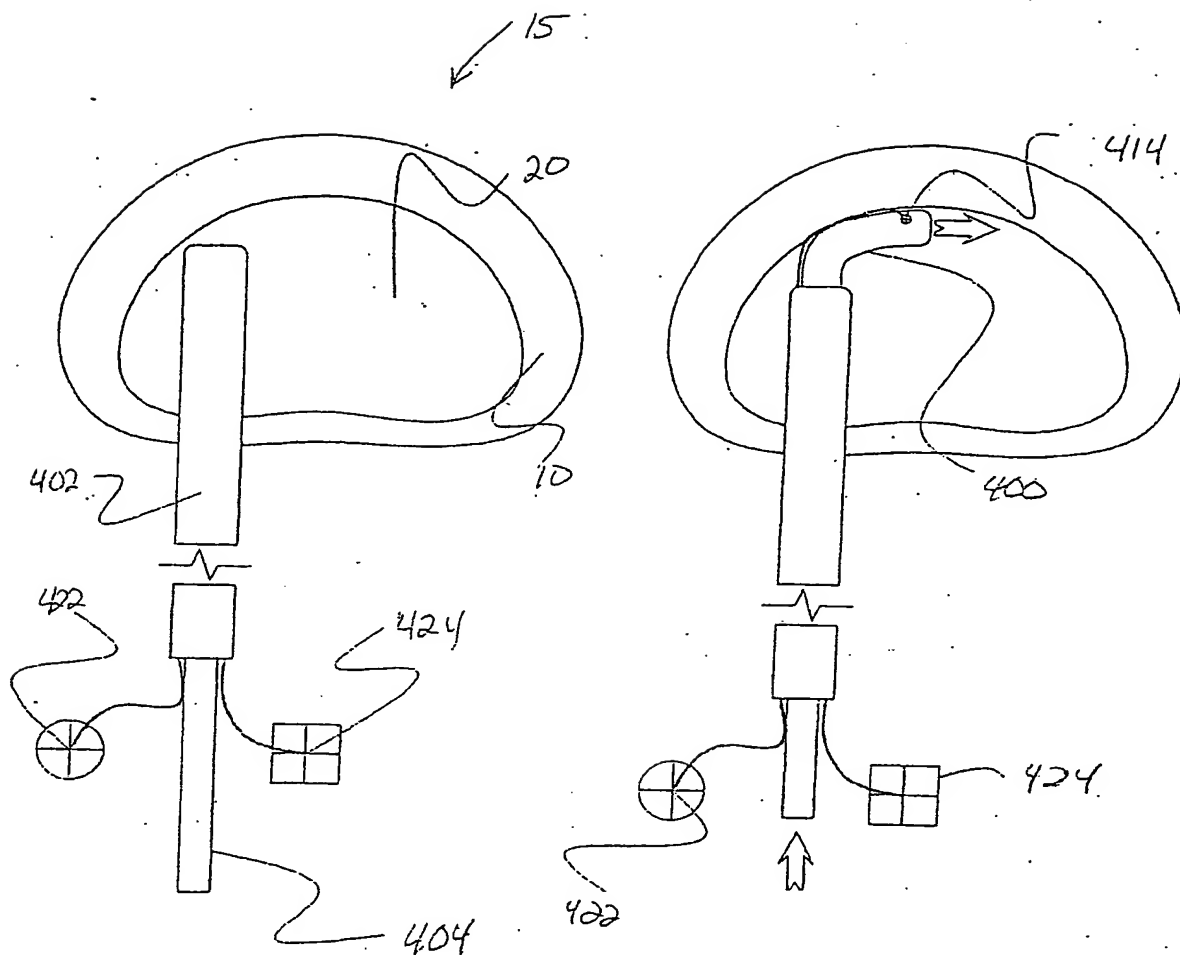


Figure 50A

Figure 50B

1005504 102501



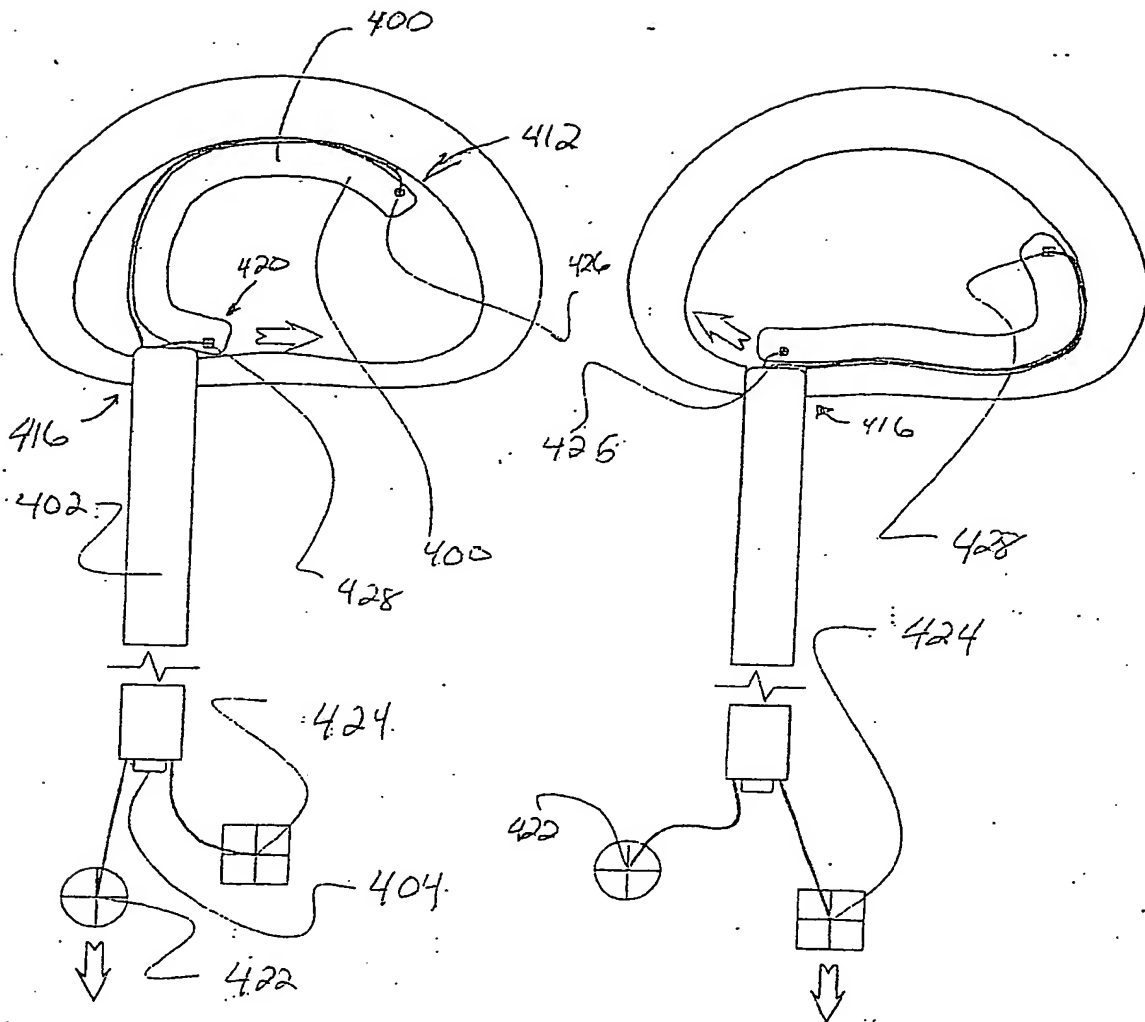


Figure 400

Figure 420

FIG. 50E

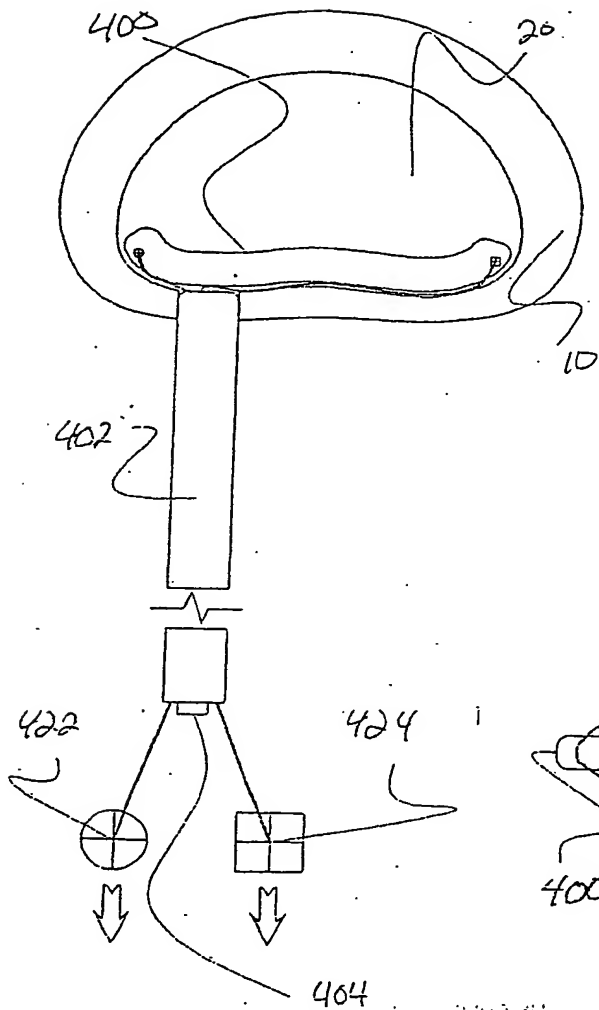


Figure 50E

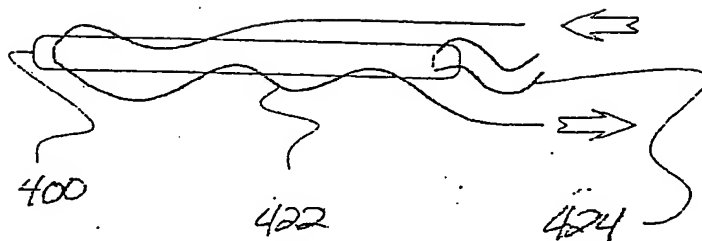


Figure 50F

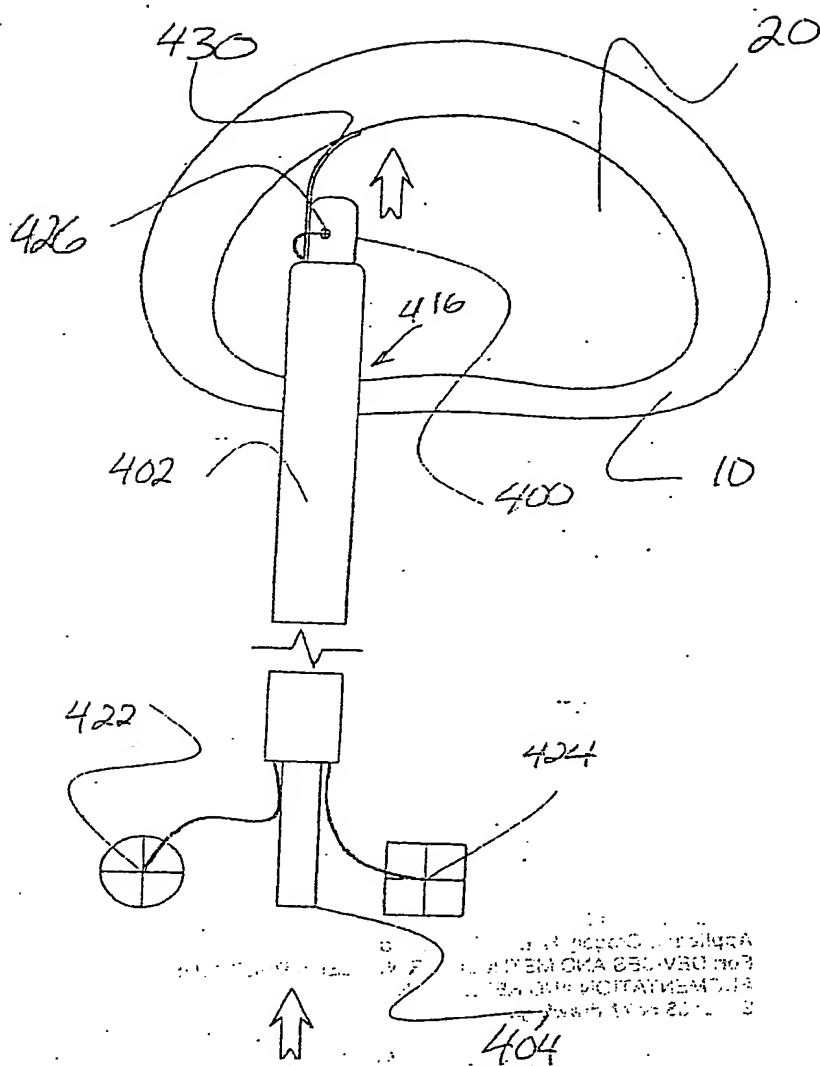


Figure 57A

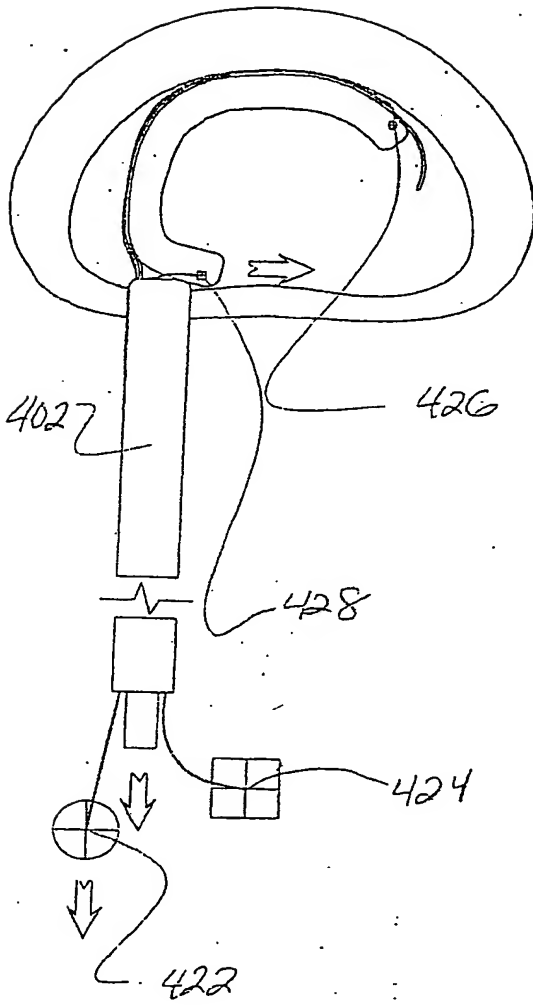


Figure 51B

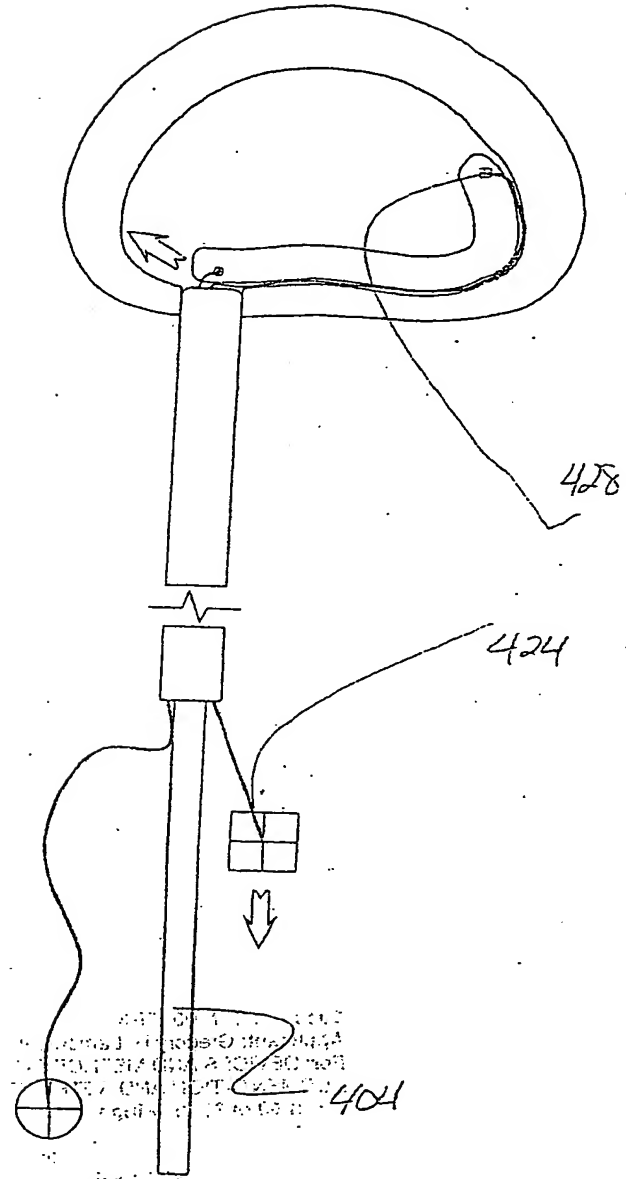


Figure 51C

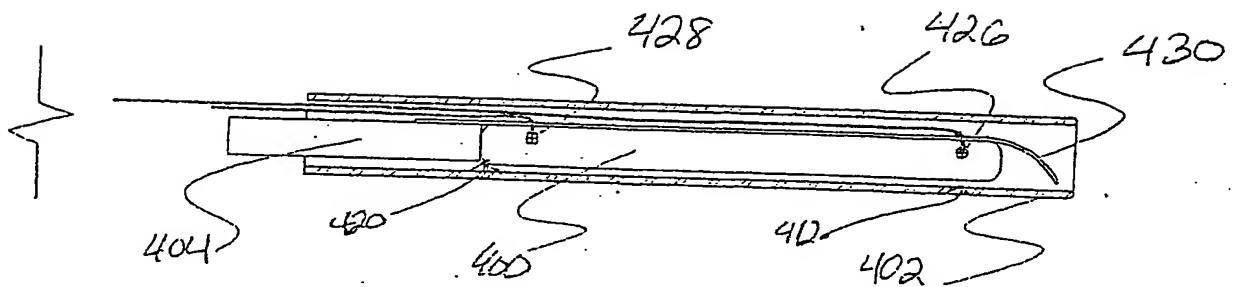


Figure 2A

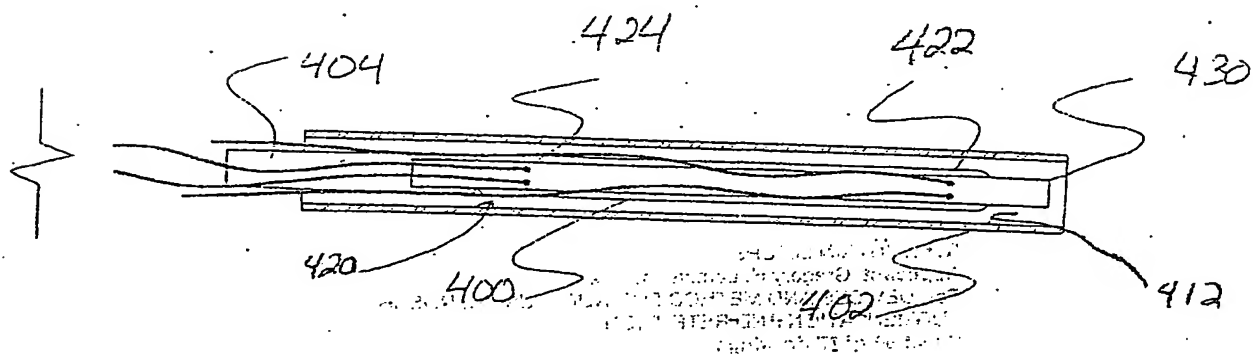


Figure 2B

10055504-102501

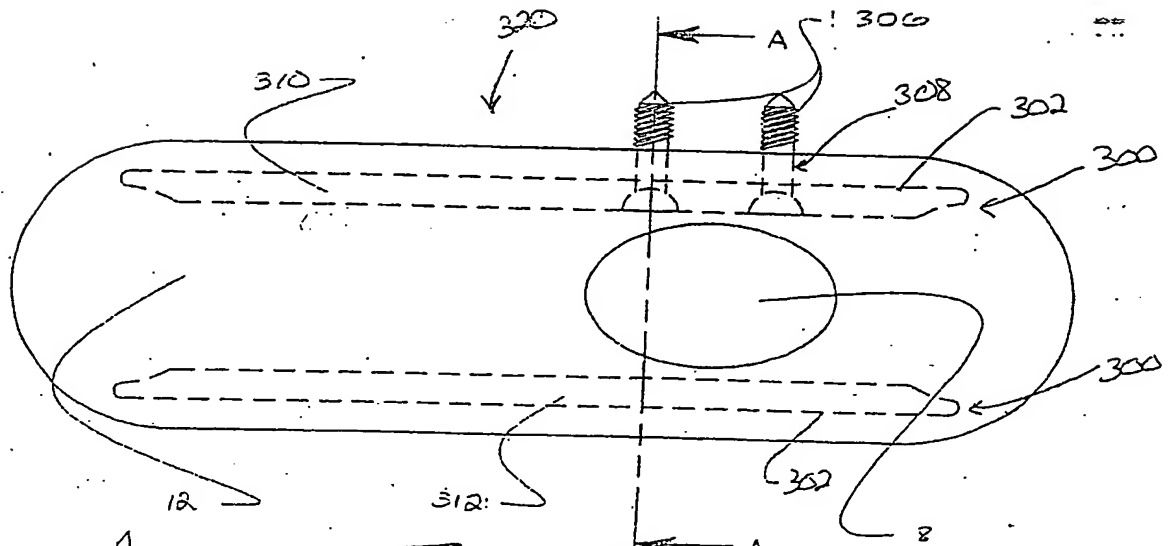


Figure 53A

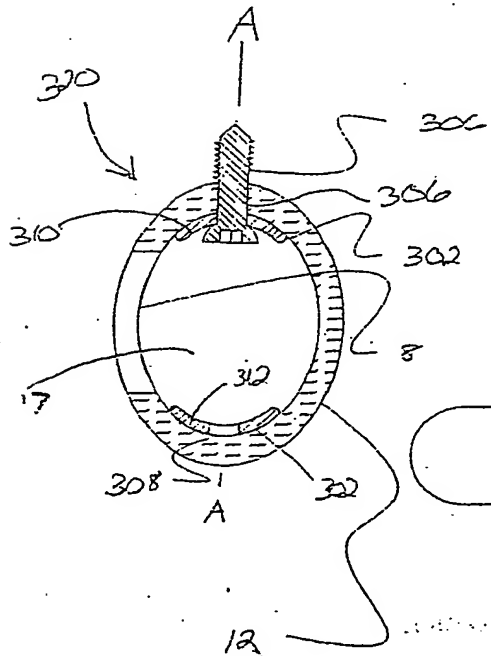


Figure 53B

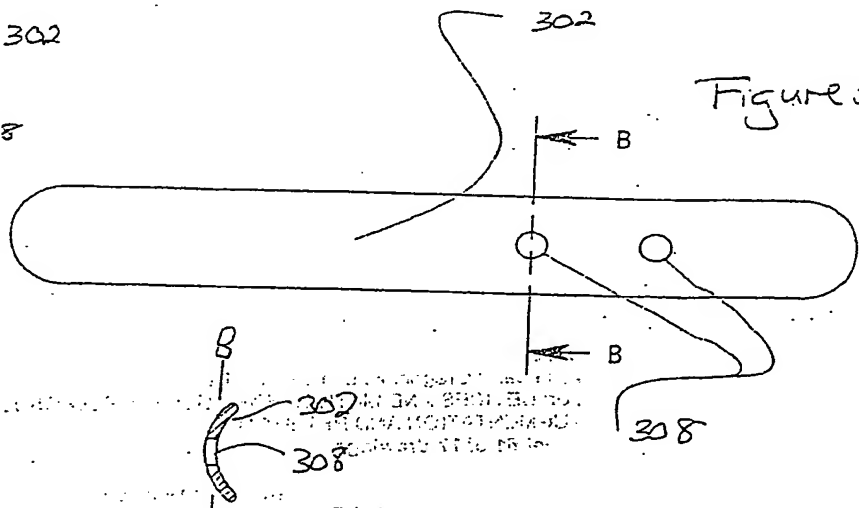


Figure 54A

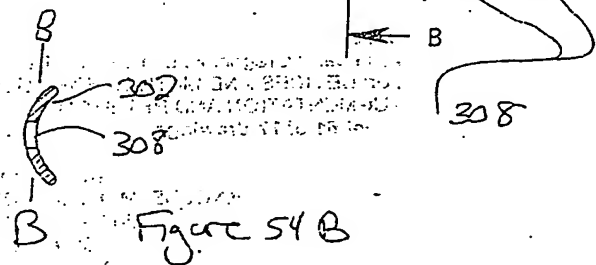
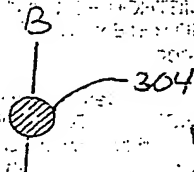
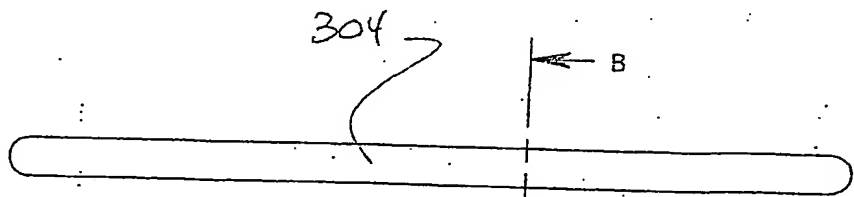
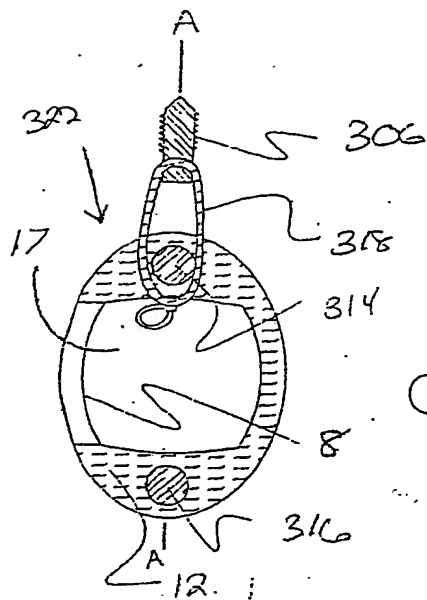


Figure 54B

Figure 55A



1005504-102501

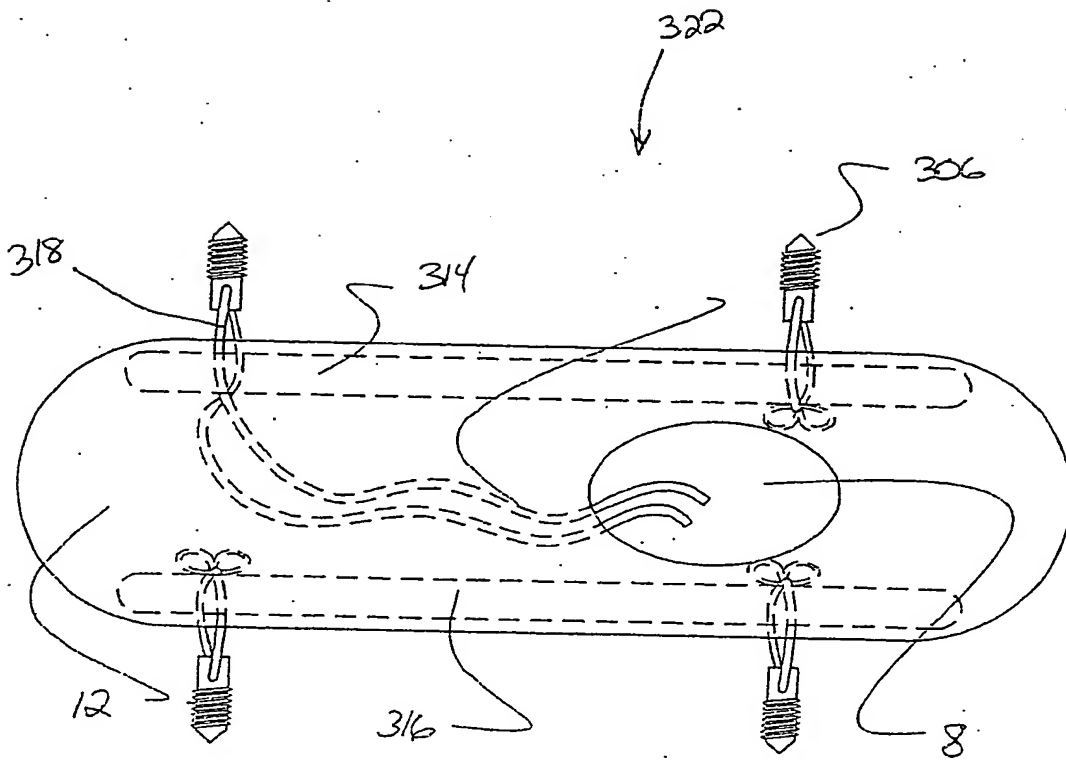


Figure 57

1005504-102501



10055504-102501

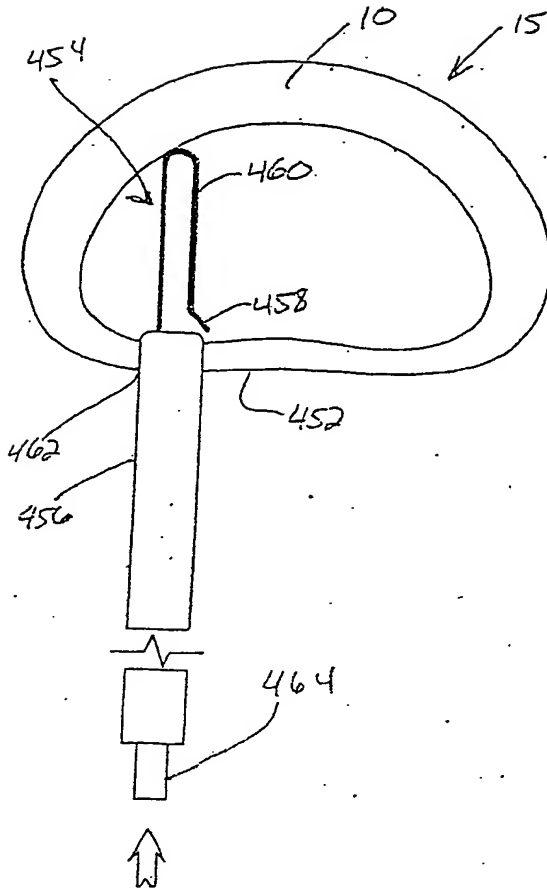


Figure 58A

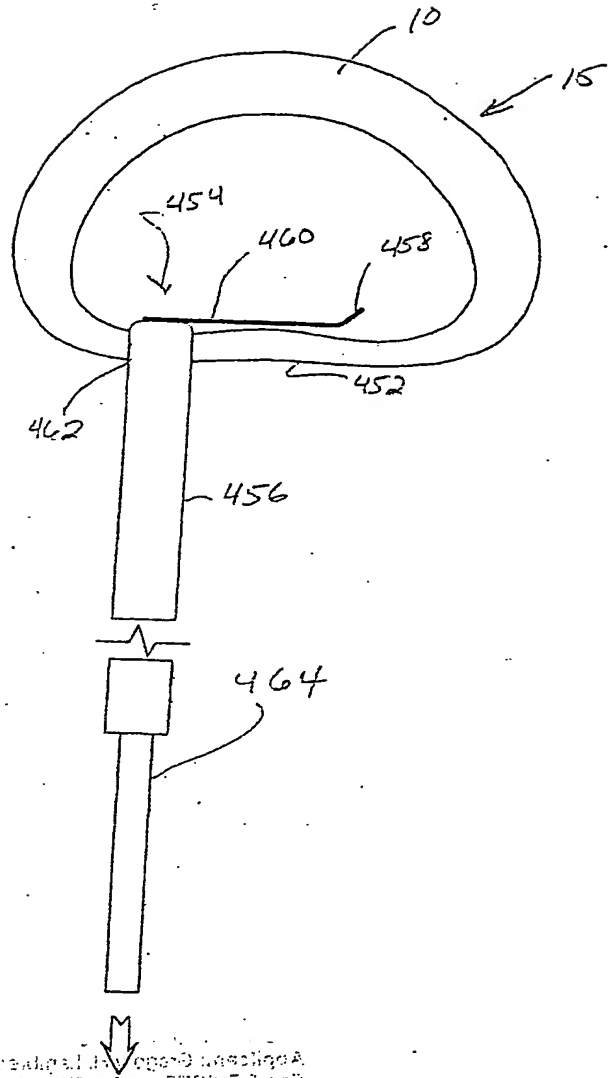


Figure 58B

10055504-102501

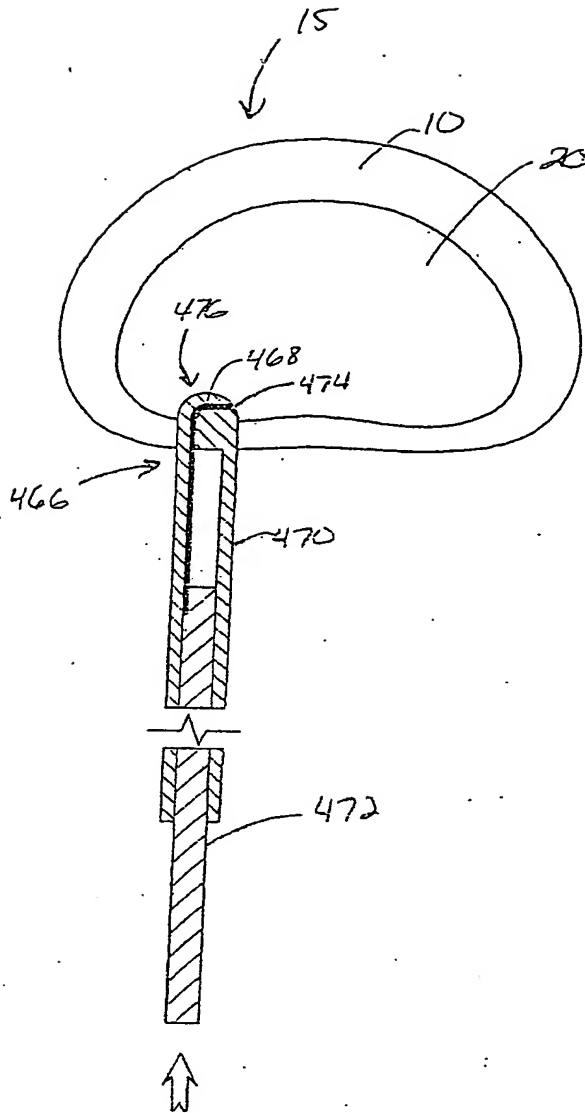


Figure 59A

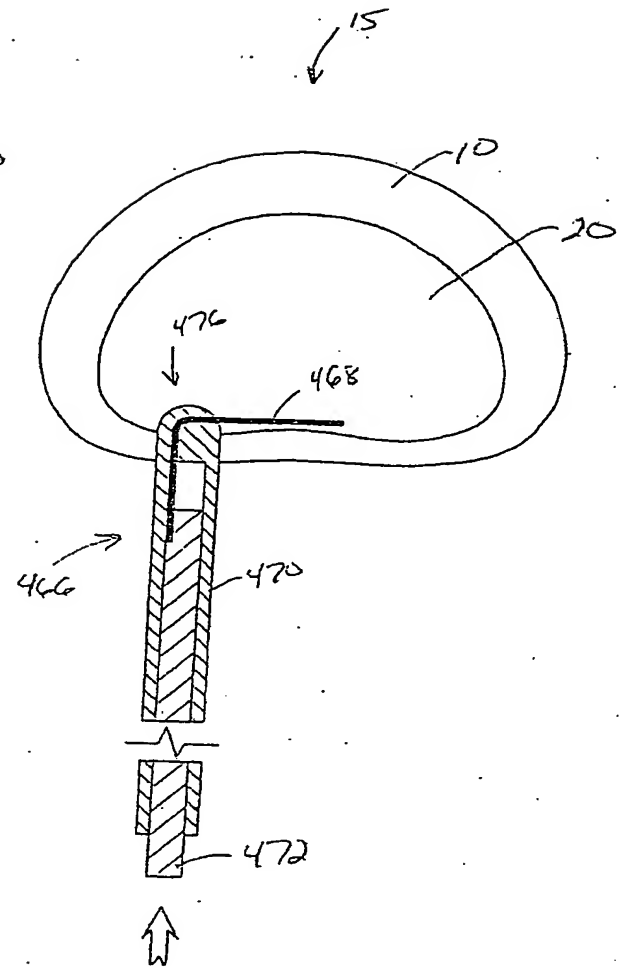
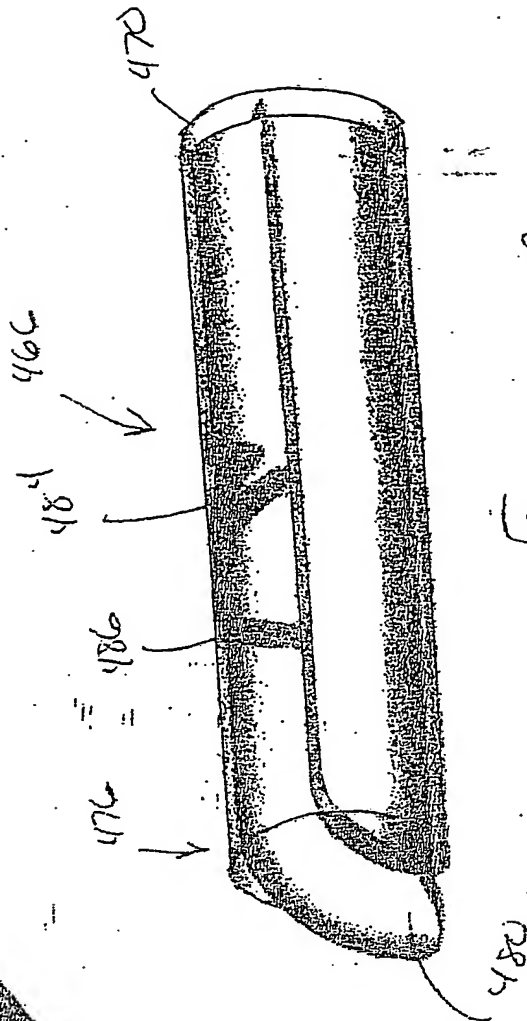
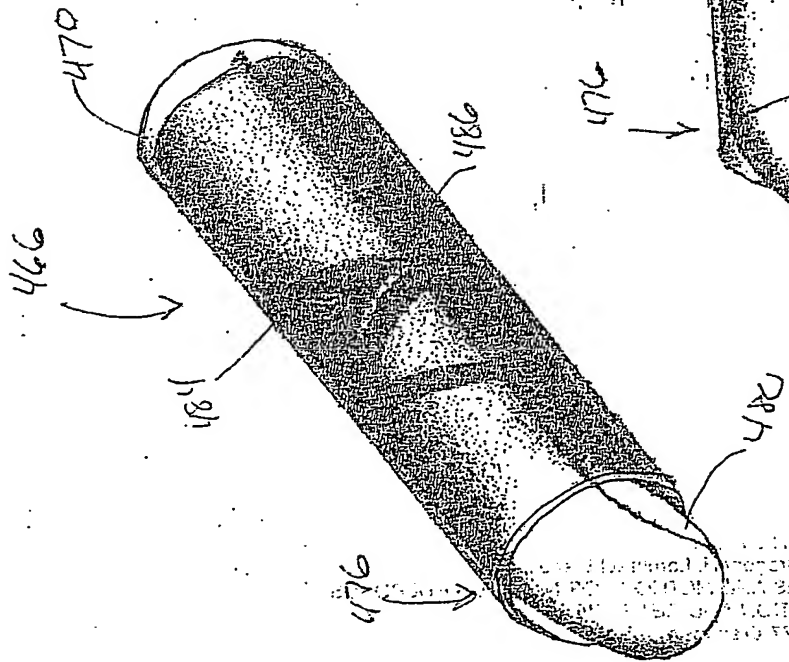


Figure 59B

FIG. 59A and FIG. 59B are cross-sectional views of a device assembly. FIG. 59A shows a cross-section of the device assembly in a first state, and FIG. 59B shows a cross-section of the device assembly in a second state. The device assembly includes a top structure 15, a first component 10, a second component 20, a third component 476, a fourth component 470, a fifth component 472, and a sixth component 466. The device assembly is shown in a first state in FIG. 59A and in a second state in FIG. 59B. The device assembly is shown in a first state in FIG. 59A and in a second state in FIG. 59B.



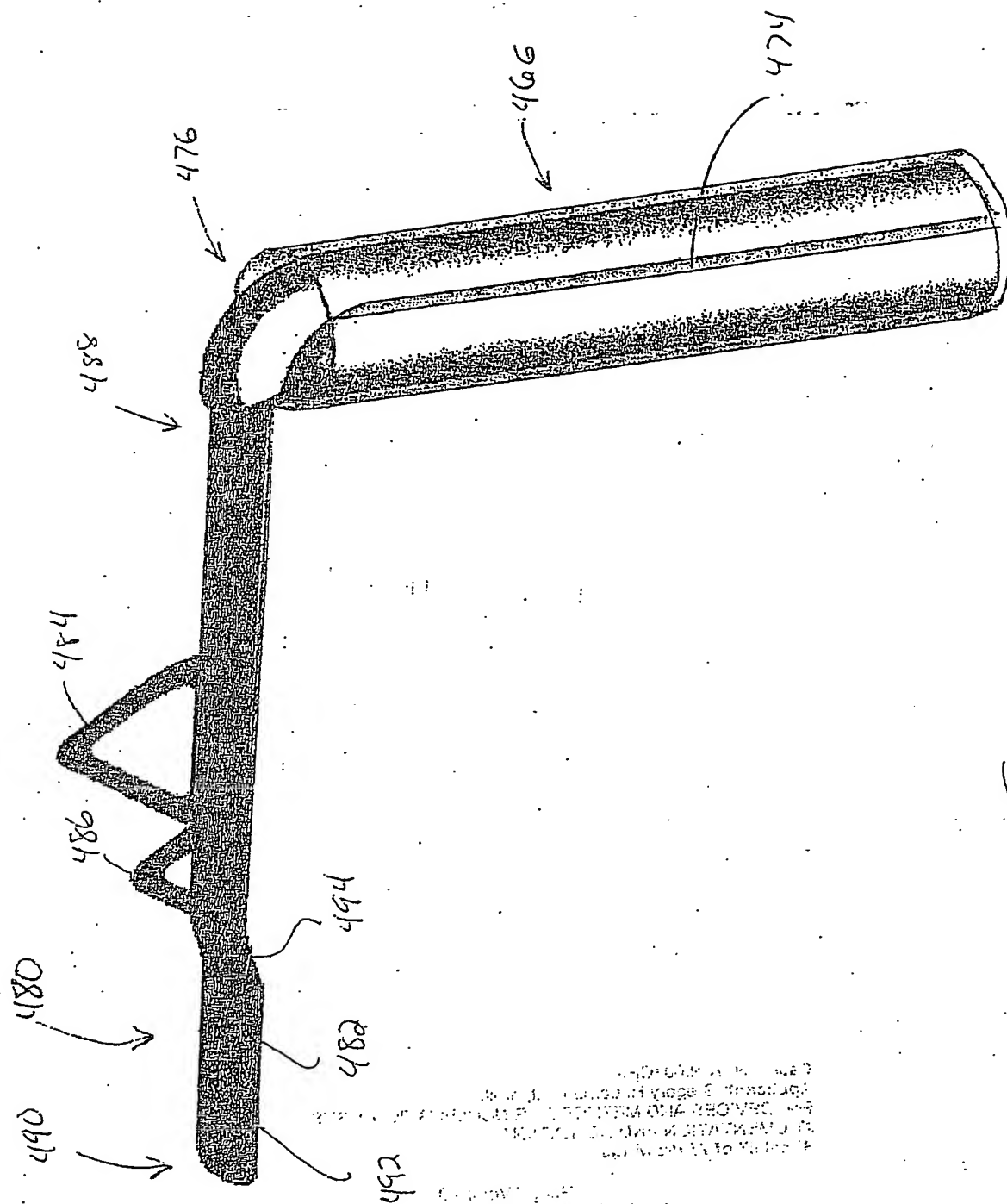


Figure 60C

10055504, 102501

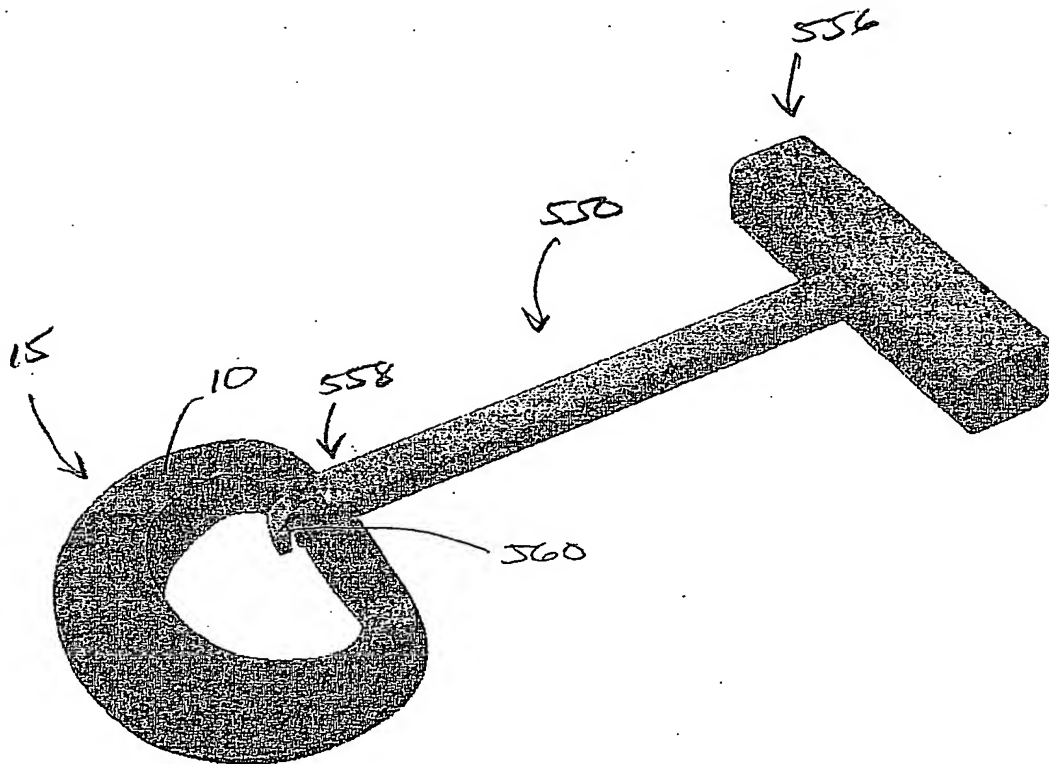


Figure 61A

FIG. 61A is a perspective view of a mechanical assembly 600, such as a mechanical assembly 600, in accordance with one or more embodiments of the present disclosure. The assembly 600 includes a ring 10, a shaft 550, a pin 558, and a block 554. The ring 10 is a circular ring with a central hole. The shaft 550 is a long, thin, cylindrical shaft that passes through the central hole of the ring 10. The pin 558 is a small, cylindrical pin that is inserted into the shaft 550 to secure it to the ring 10. The block 554 is a rectangular block that is attached to the end of the shaft 550.

FIG. 61B is a perspective view of a mechanical assembly 600, such as a mechanical assembly 600, in accordance with one or more embodiments of the present disclosure. The assembly 600 includes a ring 10, a shaft 550, a pin 558, and a block 554. The ring 10 is a circular ring with a central hole. The shaft 550 is a long, thin, cylindrical shaft that passes through the central hole of the ring 10. The pin 558 is a small, cylindrical pin that is inserted into the shaft 550 to secure it to the ring 10. The block 554 is a rectangular block that is attached to the end of the shaft 550.

1055504, 102501

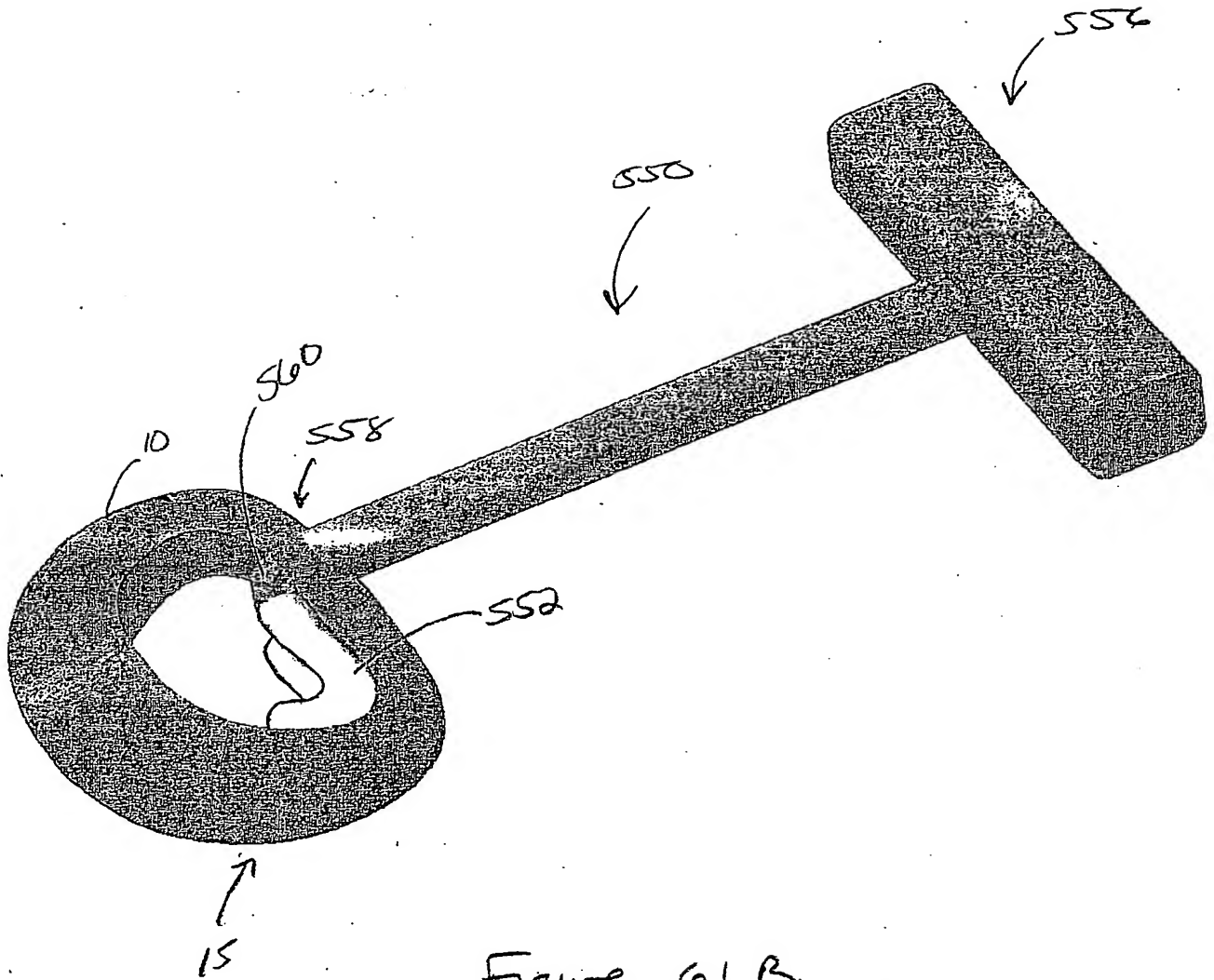


Figure 61B

FIG. 61B is a perspective view of the assembly of FIG. 61A, showing the handle 556 and the shaft 15 in a position where the handle 556 is rotated about the shaft 15, as indicated by the arrow 554.

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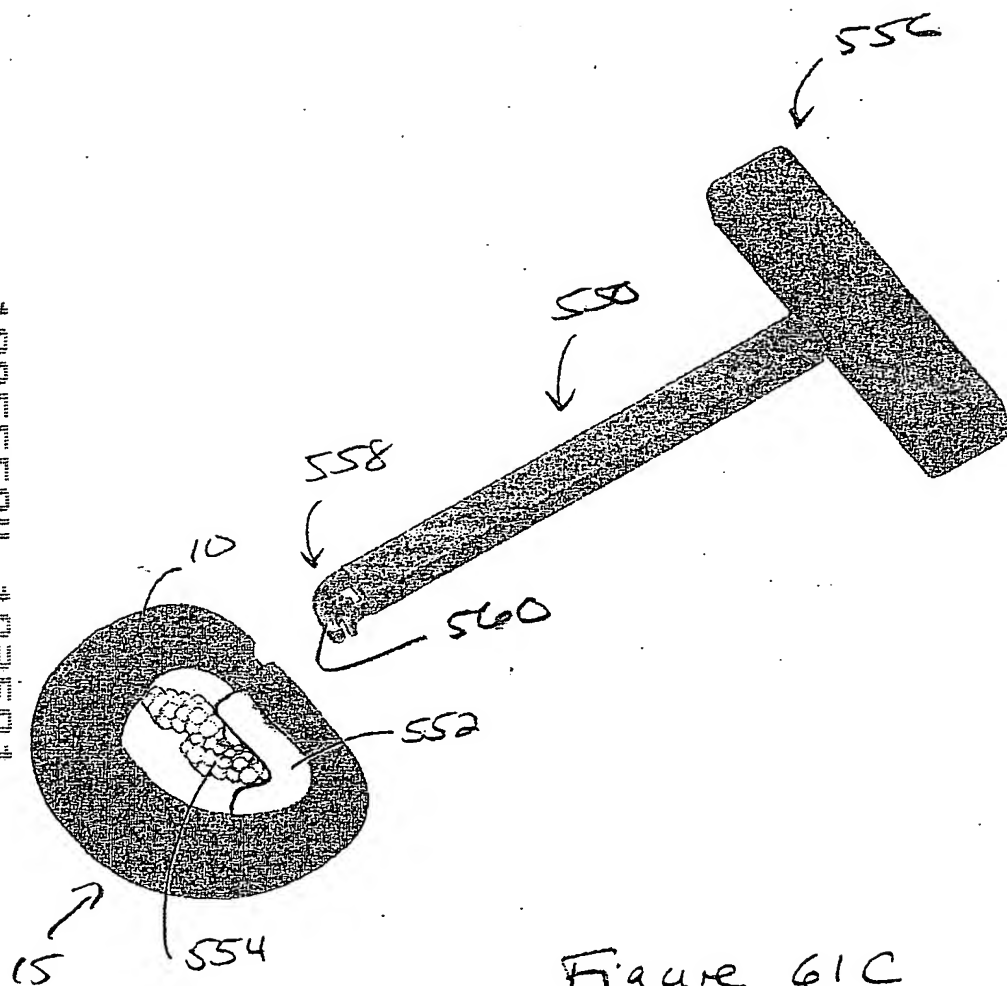


Figure 61C

FIGURE 61C is a perspective view of the assembly of FIGURE 61B, showing the assembly of the shaft (558) and the block (555) with the circular component (10) and the granular material (554) inside the opening.

FIGURE 61C is a perspective view of the assembly of FIGURE 61B, showing the assembly of the shaft (558) and the block (555) with the circular component (10) and the granular material (554) inside the opening.

10055504-102501

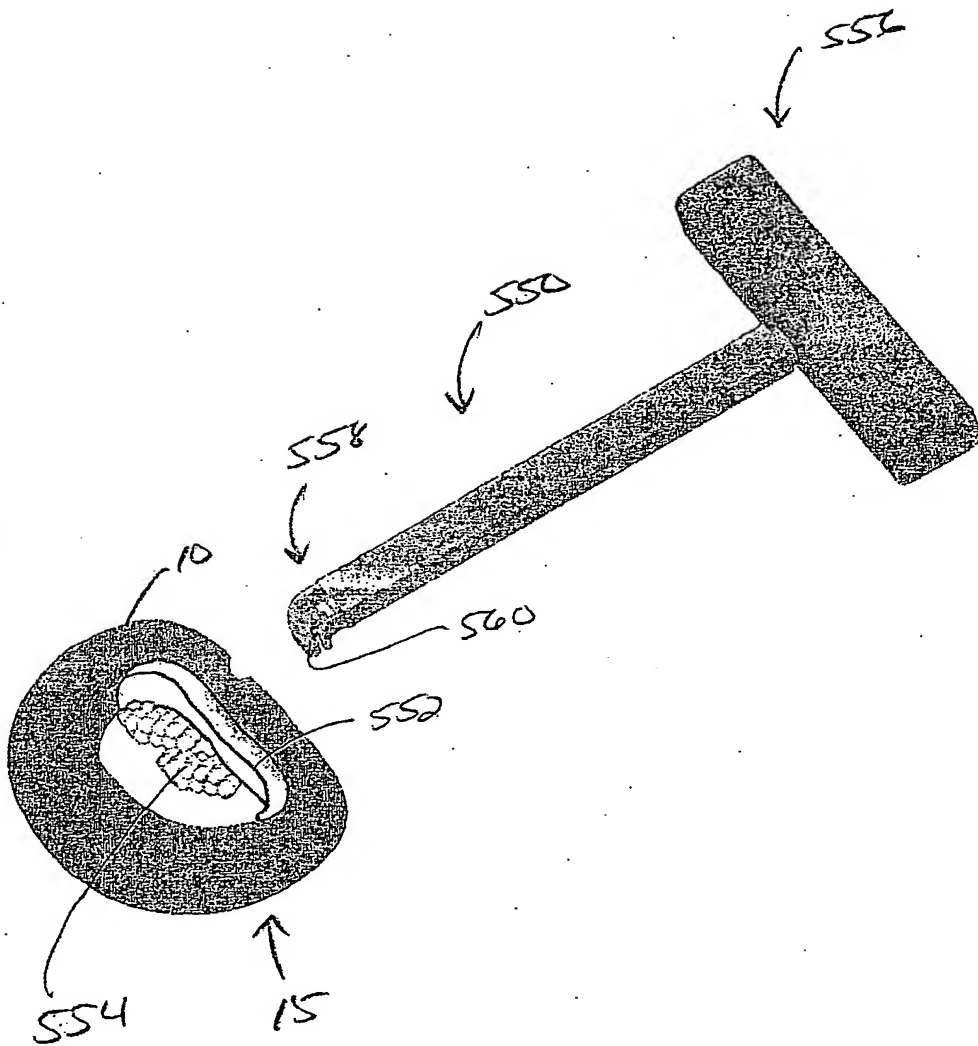


Figure 6 (D)



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I

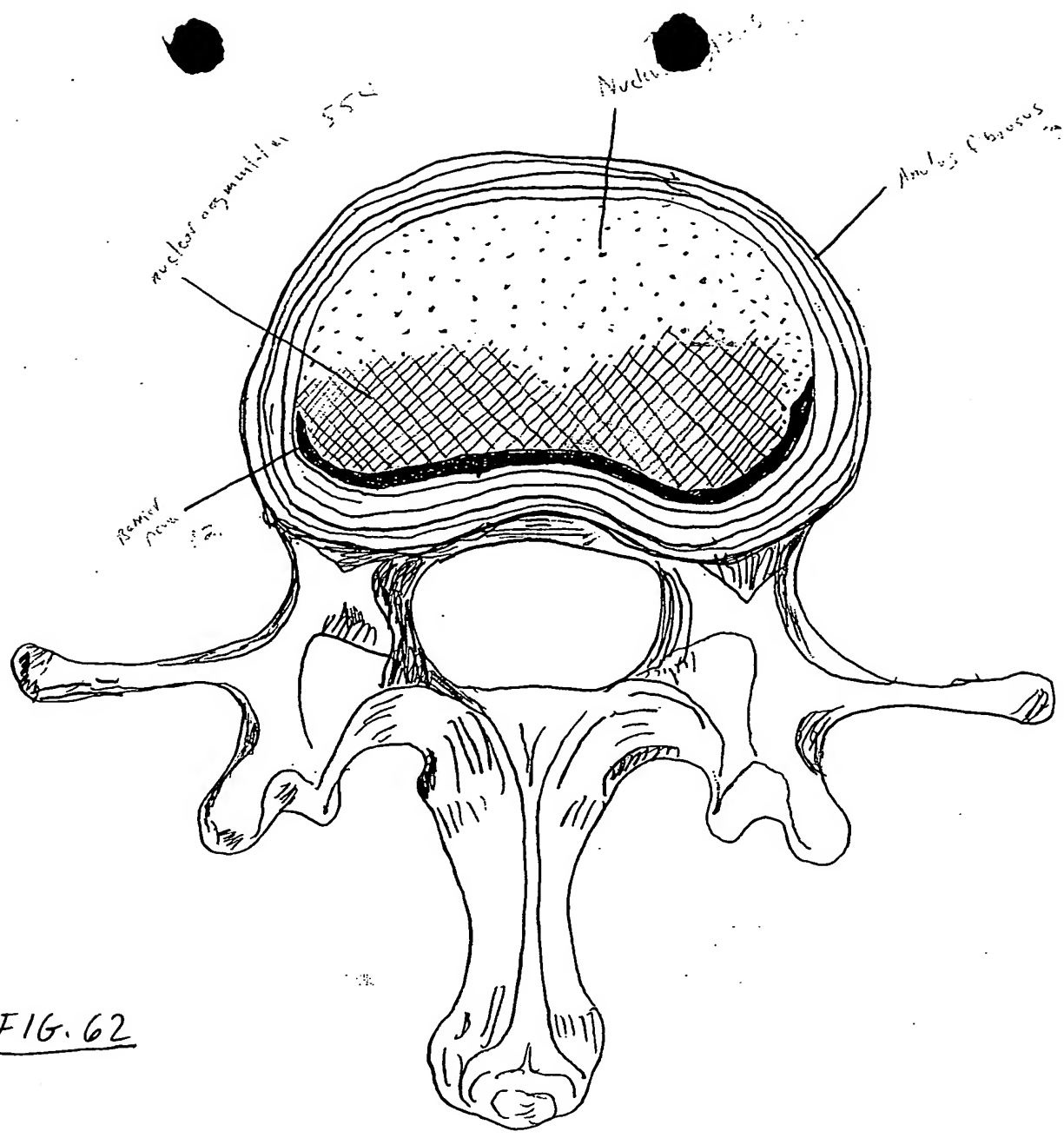


FIG. 62

FIG. 62 is a cross-sectional view of a cell, showing the nucleus, nucleolus, and remnant. The nucleus is the large, cross-hatched area, and the nucleolus is the smaller, stippled area within it. The remnant is the small, irregularly shaped area below the nucleolus. The cell has several long, thin, wavy appendages extending from its base.

1055504-102501

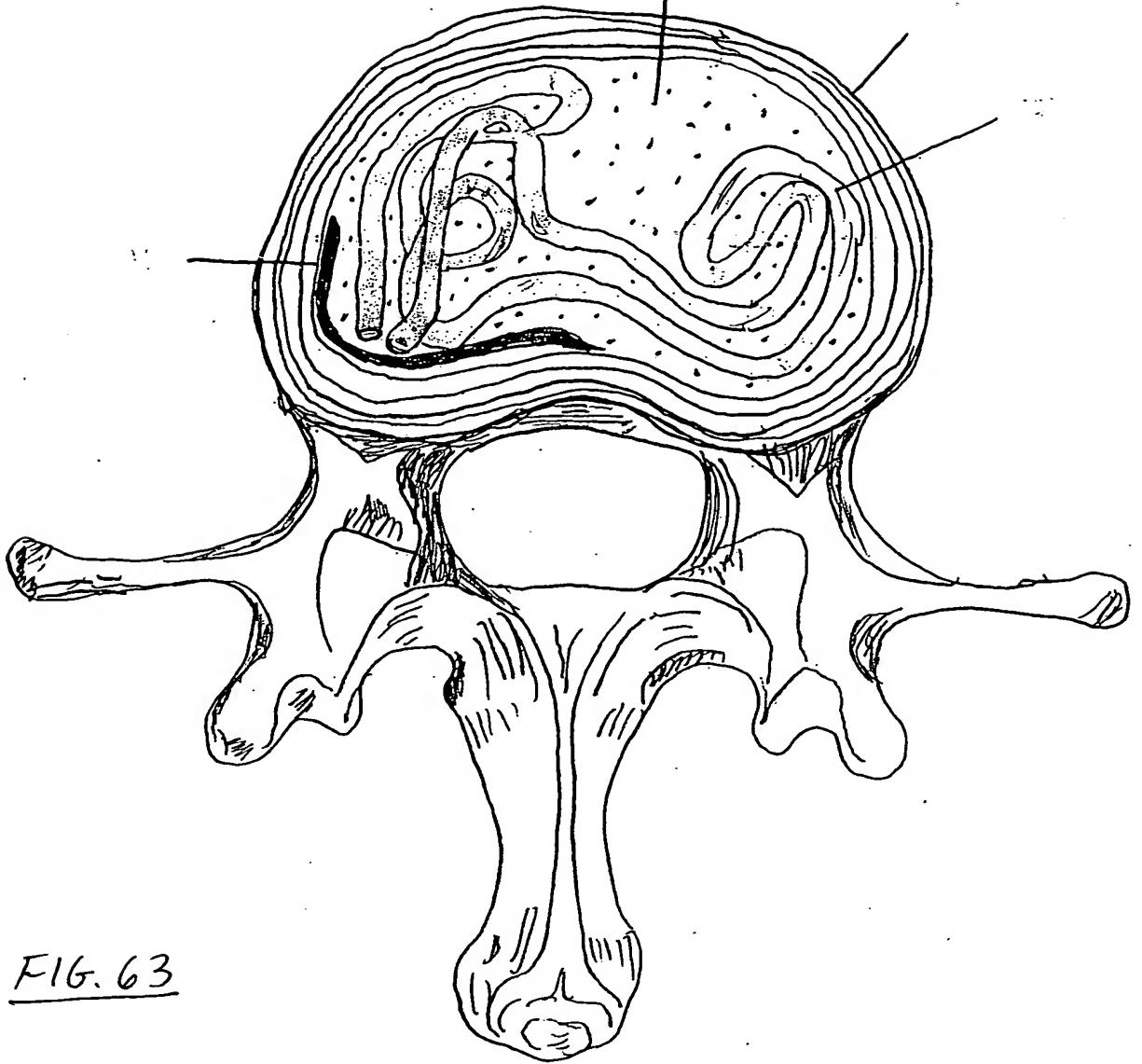


FIG. 63

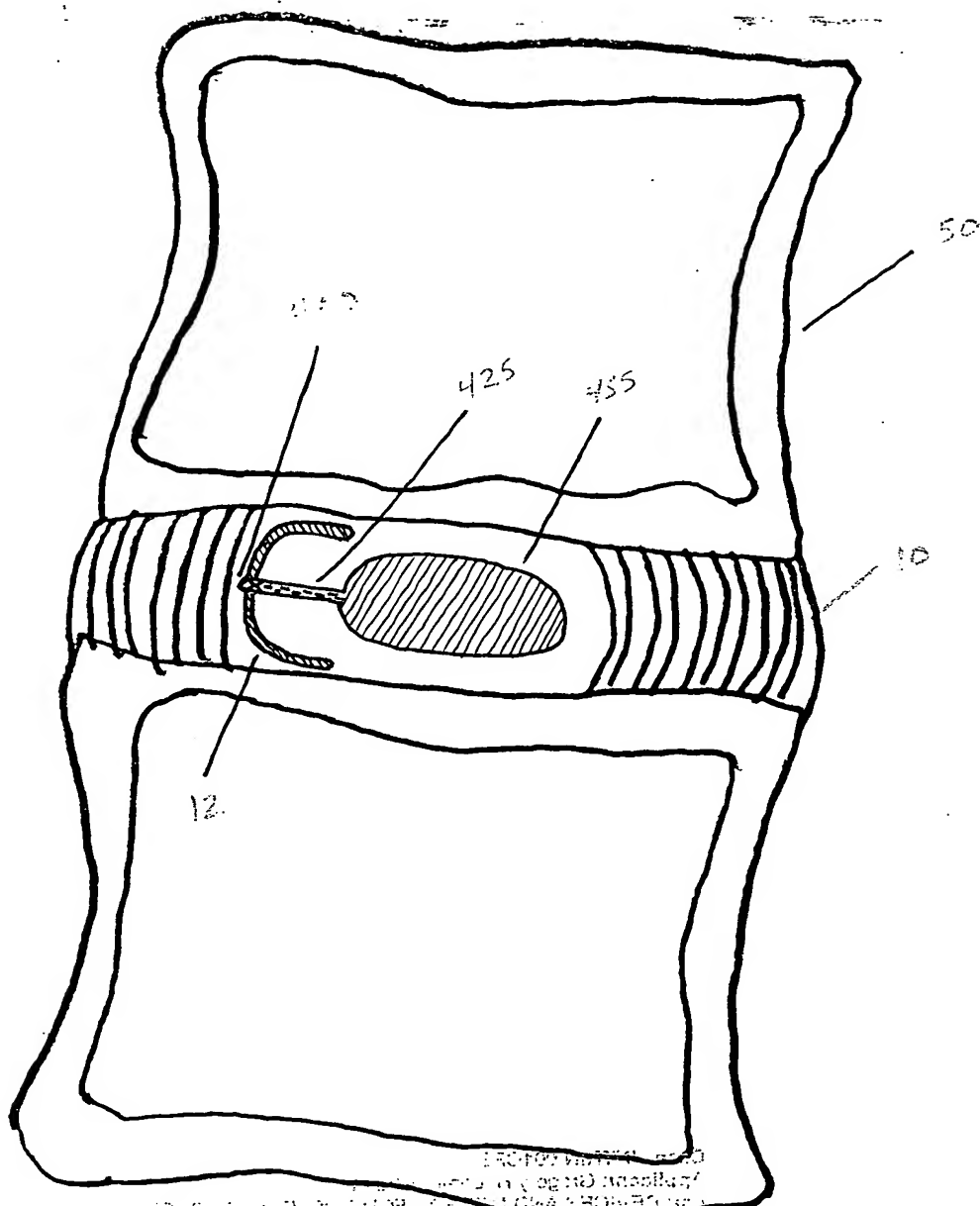
FIG. 63  
A cross-section of a plant stem showing the internal structure of the vascular bundle. The drawing illustrates the arrangement of the xylem and phloem, with the xylem located towards the center and the phloem towards the outer edge. The central cavity is labeled "C" and the surrounding tissue is labeled "T".

FIG. 64

FIG. 64

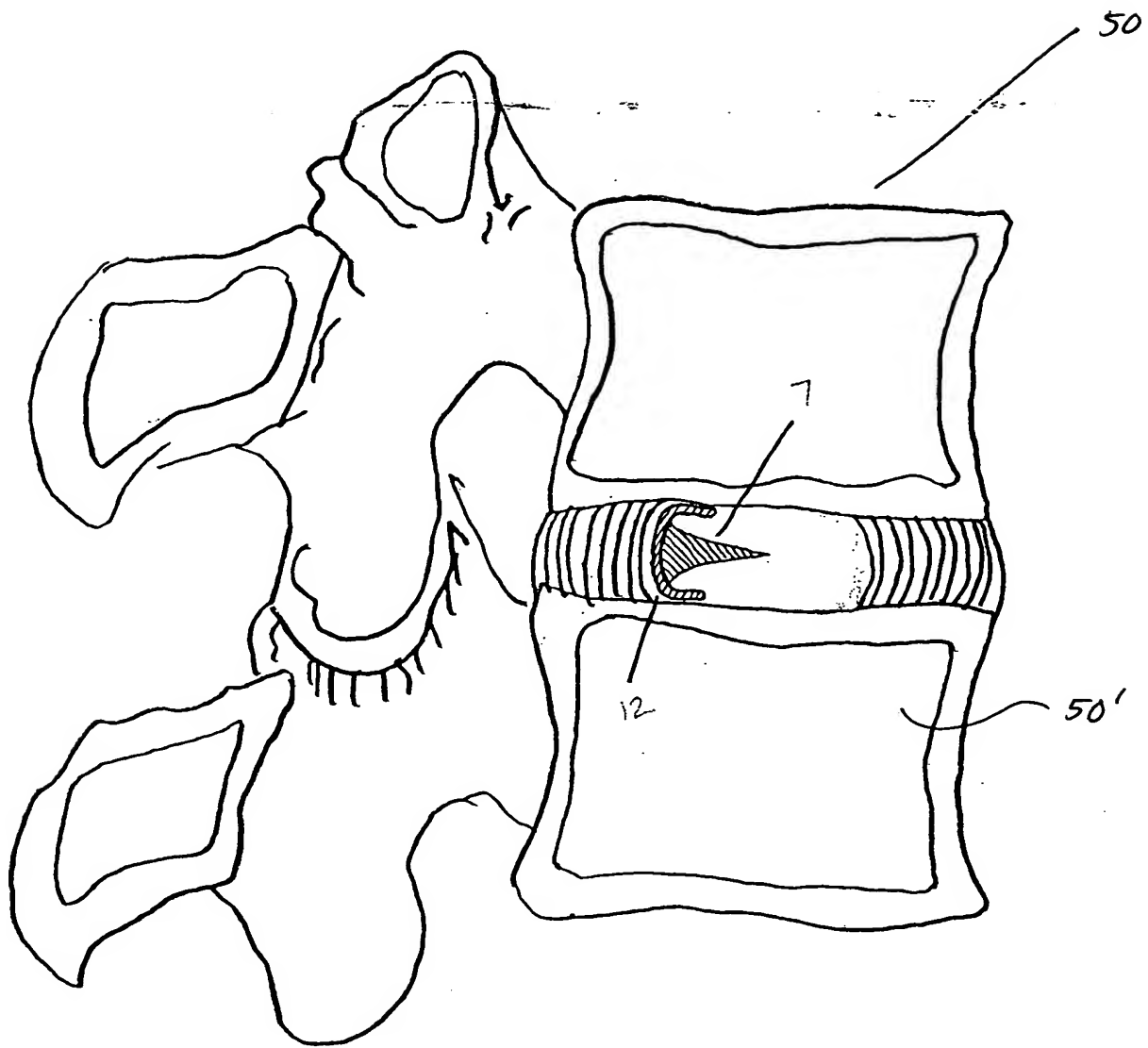
1. The first step is to identify the problem.
 2. The second step is to analyze the problem.
 3. The third step is to develop a solution.
 4. The fourth step is to implement the solution.
 5. The fifth step is to evaluate the solution.

FIG. 65



1055504-105501

FIG. 66



1005504-102501

FIG. 66 is a schematic diagram of a mechanical assembly. The assembly includes a central vertical component with a flange at the top and a series of horizontal lines indicating a threaded section. To the right, a rectangular block labeled 50 is shown in cross-section, with a central vertical slot. A component labeled 7 is shown inserted into this slot. Below the slot, a component labeled 12 is shown. To the left of the central component, there are two additional components, one above and one below, which appear to be flanges or seals. The label 50' is also present near the bottom right of the rectangular block 50.